FUNGI NOVI

EX HERBARIO

PROFESSORIS DOCT. **P. MAGNUS** BEROLINENSIS

AUCTORE

P. A. SACCARDO

Clarissimus professor P. Magnus fungos ab ipso in variis itineribus suis per Daniam, Germaniam, Helvetiam, Italiam etc. collectos, nec non ab amicis communicatos, paucos ante menses determinandos benevole tradidit. Species, præter novas, non paucas rariores videre gavisus sum. Tales e. g *Hypocrea citrina* (Pers.) Fckl., *Anthostomella lugubris* (Rob. & Dmz.) Sacc., *Leptosphæria derasa* B. & Br., *Pleospora deflectens* Karst. (cui *P. vagans* Niessl affinis), *Pleospora hispida* Niessl, *Nectriella miltina* (Mtgn.) Sacc., *Cronartium asclepiadeum* Fr. f. *Gentianæ asclepiadeæ* Rbh., *Nematogonium aurantiacum* Dmz., *Haplaria repens* Bon., *Trichocladium asperum* Harz., *Cercospora Lythri* (West.) Niessl, *Septoria Oreoselini* (Lasch) Niessl etc. etc. Species mihi novæ visæ multæ adsunt, in quarum numero plures, ut videbitur, nobiliores. Diagnoses sequuntur.

Hymenomyceteæ.

1. **Solenia exigua** Sacc. Dense gregaria argillaceo-lutescens; tubulis cylindricis $1/_2$ mill. altis, exilibus, adscendentibus v. subobliquis, intus obscurioribus, extus ob hyphas continuas, 3 diam., patenti-recurvas apice sæpe hyalino-inflatas velutinis; sporis....

Hab. in ligno putrescente in calidario Palmarum Horti botanici Berolinensis, 1873 (P. Magnus).

Obs. A *Solenia ochracea* Fr., Cooke F. B. ed. II. n. 405 differt tubulis tenuioribus sed longioribus, argillaceis nec ochraceis etc. Ab *Hydnis* (Sect. V* in Fr. Hym. Eur. p. 612) longius distat.

Protomyceteæ.

2. **Protomyces carpogenus** Sacc. Sporis in acervulos applanatos epidermide velatos, varie extensos, lateritio-roseos dense aggregatis, globulosis v. globoso-ovoideis quandoque obsolete angulosis, 18-20 micr. diam. vel 25 ⋆ 20, pallide ochraceo-roseis, nubilosis, episporio concolori 1 micr. crasso.

Hab. in cortice Cucurbitæ, socia *Phoma decorticante* DNtrs ad *Travemünde an der Ostsee bei Lübeck*, 1873 (P. Magnus).

3. **Protomyces fallax** Sacc. Foliicola, epidermide tectus, gregarius: sporis globosis 16–20 micr. diam., lævissimis, guttulatis v. 1–nucleatis, initio hyalinis, tunica $^1/_2$–2 micr. crassa, dilutissime fusca, tandem sporis totis fuscidulis.

Hab. in foliis Pini sylvestris putrescentibus cum *Sphæropside Strobi* B. et Br. var., Berolini (P. Magnus).

Obs. Cum *Cæomate Abietis, Peridermiis* etc. comparavi sed omnino diversus.

Ascomyceteæ.

Gymnoascaceæ.

4. **Taphrina? candicans** Sacc. Cæspitulis hypophyllis, applanatis, velutinis, candicantibus; ascis fasciculatis sessilibus cylindraceo-clavatis, 75 ⋆ 12, apice obtusis truncatisve, basi obtuse attenuatis, tunica apice integra, diu granuloso-farctis, dein obscure polysporis; sporidiis globosis ovatisve, 5–6 ⋆ 4–5, sæpe initio in catenulas 3-4-sporas junctis, dein secedentibus, hyalinis.

Hab. in pagina inferiore foliorum adhuc viventium Teucrii Chamædryos prope Tergestum, Nov. 1873 (P. Magnus).

Obs. De genere et de autonomia paululum adhuc dubito. Cum *Erineaceis* (= *Cæcidiis*, ergo entomogeneis confundi nequit.

5. **Rhaphidophora maritima** Sacc. Peritheciis gregariis, foliorum parenchymate immersis, globosis, diam. $^1/_3$ mill. nigris, contextu distincte celluloso fuligineo, ostiolis epidermidem perforantibus, brevissimis, truncatis; ascis cylindricis, 140–180 ≈ 10–12, apice obtuse rotundatis, basi breve attenuato-stipitatis, paraphysibus nullis, 8sporis; sporidiis filiformibus, ascos subæquantibus, 15–18–septatis, tandem in articulos cylindricos, 15–20 ≈ 2, utrinque truncatos 1–septatos, perfecte hyalinos secedentibus.

Hab. in foliis Zosteræ marinæ ad *Lister Rhede auf der Insel Sylt in der Nordsee an der Küste von Schleswig,* Sept. 1874 (P MAGNUS).

Obs. Ob sporidia in articulos biloculares (ut descripsi) secedentia a ceteris speciebus rite diversa.

6. **Leptosphæria Graminum** Sacc. Peritheciis sparsis punctiformibus, $^1/_{10}$–$^1/_{12}$ mill. diam., globulosis, innato-erumpentibus papillulatis, contextu perithecii distincte parenchymatico fuligineo; ascis cylindraceo-clavatis, brevissime crasse stipitatis, 50–60 ≈ 12–15, apice tunica integra obtusiusculis, paraphysibus filiformibus obvallatis, octosporis; sporidiis distichis oblongo-fusoideis, 15–16 ≈ 4, rectiusculis, diu 4–nucleatis, dein 3–septatis, non constrictis, hyalinis.

Hab. in foliis emortuis Calamagrostidis prope Berolinum (P. MAGNUS).

Obs. In operibus Auerswaldii, Cookei, Fuckelii, Karstenii, Niesslii hanc speciem reperire nequeo; nonnihil ad *Lept. Ophiopogonis* Sacc. accedit.

7. **Leptosphæria littoralis** Sacc, Fungi ital. tab. 144 et Michelia fasc. I. pag. 38–f. **Calamagrostidis arenariæ.** A typo paululum recedit sporidiis non guttulatis sed nubilosis; ex ætate?

Hab. in ejusdem foliis emortuis ad *Reinickendorf* prope Berolinum, Jul. 1868 (P. MAGNUS). Forma typica

in Psamma arenaria ad *Heringsdorf bei Swinemünde an der Ostsee* (P. MAGNUS).

8. **Leptosphæria anceps**, Sacc. Peritheciis sparsis, subcutaneis, prominulis, globoso-lenticularibus, punctiformibus, 150 micr. diam., ostiolo impresso pertuso; perithecii contextu distincte parenchymatico fuligineo; ascis cylindraceis brevissime nodoso-stipitatis, 50–55 ≈ 8, apice tunica integra obtusiusculis, paraphysibus filiformibus obvallatis, octosporis; sporidiis distichis v. oblique monostichis, oblongo-fusoideis, 15–16 ≈ 3 $^1/_2$, rectis curvulisve, 3-septatis, ad septa non constrictis, utrinque obtusiusculis flavo-olivaceis.

Hab. in ramis nondum emortuis Ribis nigri in *Thiergarten* Berolini, Julio 1873 (P. MAGNUS).

Obs. Affinis *Leptosphæriæ parvulæ* Niessl Beitr. 23, a qua differt ascis cylindraceis, angustioribus, sporidiis paulo minoribus, flavidis et habitatione prorsus aliena. Affinis quoque *Lept. Coniothyrio* (Fckl.) Sacc. a qua differt ascis conspicue brevioribus, crassioribusque, sporidiis sæpius distichis flavidis, nec fuscis etc.

9. **Leptosphæria oreophila** Sacc. Peritheciis sparsis v. gregariis epidermide tumidula, dein fissa, velatis, globoso-lenticularibus, breve sed distincte papillatis, diam. 250 micr., basi hyphis parcis fuligineis cinctis, contextu membranaceo distincte parenchymatico fuligineo; ascis cylindraceo-clavatis, 60–70 ≈ 12, breve crasseque stipitatis, paraphysibus filiformibus obvallatis, octosporis; sporidiis distichis, in ascis diu permanentibus, cylindraceo-fusoideis, 28–30 ≈ 4, utrinque obtusiusculis, curvulis, 5-locularibus, loculo secundo superiore leniter crassiore, 5-guttulatis, olivaceis.

Hab. in caulibus emortuis Tofieldiæ calyculatæ in *Rax-Alpe beim Sömmering* Austriæ, Aug. 1864 (E. VON MARENZELLER in herb. P. MAGNUS).

Obs. A *Leptosphæria culmicola* (Fr.) Karst., cui valde affinis, differt præcipue peritheciis majoribus, sporidiis ut plurimum 5-locularibus, loculo turgidiore secundo, olivaceis; præterea habitu et habitatione alienis.

10. **Pleospora polyphragmia** Sacc. Peritheciis laxe gre-

gariis, subcutaneis, tandem erumpenti-superficialibus, e globoso depressis, collabescendo umbilicatis, majusculis, diam. $^1/_3$–$^1/_2$ mill., ostiolo papillato, minutissimo, initio undique laxe pilosellis, tandem calvescentibus, pilis subtortuosis, septulatis, opace fuligineis, sursum pallidioribus; ascis clavatis, breve crasse stipitatis, 150 ∗ 30, apice rotundatis, paraphysibus filiformibus obvallatis, octosporis; sporidiis distichis, ovato–oblongis, 35–40 ∗ 15–18, utrinque rotundatis, sed polo superiore obtusiore, 13–15–septatis, denseque muriformibus, ad septa lenissime (ad medium distinctius) constrictis, fuligineis.

Hab. in caulibus herbarum majorum putrescentibus in *Radaster-Thal* prope *Trins* in Tyrolia, Aug. 1874. (P. Magnus).

Obs. Sporidiis creberrime septatis peritheciisque pilosellis a ceteris speciebus affinibus facile distinguitur.

11. **Pleospora lanuginosa** Sacc. Peritheciis tectis gregariis globoso–compressis, majusculis, $^1/_2$–$^1/_4$ mill. diam., extus undique breve griseo-lanuginosis, pilis ramosis intricatis continuis fuscidulis; ostiolo punctiformi papillato, epidermidem vix perforante; perithecii contextu distincte celluloso, fuligineo; ascis cylindraceo–clavatis, mediocriter noduloso–stipitatis, apice tunica integra rotundatis, 140–150 ∗ 16–18, paraphysibus nullis genuinis, octosporis; sporidiis distichis oblongo–fusoideis rectis curvulisve, 30–36 ∗ 8, 5–6–septatis ad septa tandem leniter constrictis, septis longitudinalibus 1–3 1–seriatis, dilute melleis.

Hab. in vaginis graminum majorum (Glyceriæ?) in *Ausgang des Parkes von Lanke nach Riesenthal zu* in Marchia *Brandenburg*, Majo 1872 (P. Magnus).

Obs. Perithecia quandoque in pagina interiore vaginarum seminudata basique (*Plagiostomæ derexæ* ad instar) umbilicata conspiciuntur. Species a ceteris mihi notis conspicue diversa.

12. **Physalospora fallaciosa** Sacc. Peritheciis sparsis gregariisque innato–erumpentibus e globoso lenticularibus 150 micr. diam., aterrimis, breve papillatis, conte-

xtu distincte celluloso fuligineo: ascis cylindraceo-clavatis breve crassiuscule stipitatis, 75–85 × 12–15, apice, lumine initio leniter coarctato, obtusis, paraphysibus filiformibus evanidis obvallatis, octosporis; sporidiis distichis v. oblique monostichis, ovato-oblongis, 15–18 × 5 $^1/_2$–7, rectis curvulisve utrinque obtusiusculis, strato exiguo gelatinoso primitus obvolutis, granulosis, hyalinis.

Hab. in foliis bracteisque languidis Aletridis et Musæ in horto botanico Berolinensi, Aug. 1873 et Majo 1875 (P. Magnus).

13. **Physalospora? Koehneana** Sacc. Peritheciis gregariis subcutaneis, tectis dein epidermide fissa semi-erumpentibus, aterrimis, globoso-lenticularibus, $^1/_8$–$^1/_6$ mill. diam., contextu distincte celluloso fuligineo, ostiolo minutissimo papillato; ascis cylindraceis quandoque cylindraceo-fusoideis, 100 × 15–20, subsessilibus, apice, lumine leniter coarctato, obtusatis, paraphysibus filiformibus obvallatis, octosporis; sporidiis monostichis v. subdistichis, rarius transverse positis, ellipsoideis, 14–16 × 8, strato mucoso hyalino diu obvolutis, granulosis, hyalinis.

Hab. in pagina superiore foliorum languidorum Astragali cujusdam prope *Fürstenwalde* in Marchia *Brandenburg* (Koehne in herb. Magnus).

Obs. Perithecia epidermide leniter nigrificata tecta. Si sporidia dein fuliginea fiant, tunc species ad gen. *Anthostomellam* migraret.

14. **Sphærella Adonis** Sacc. Peritheciis laxe gregariis, punctiformibus, globulosis, papillulatis, 80–100 micr. diam., innato-erumpentibus; contextu distincte parenchymatico, solidiusculo, fuligineo; ascis cylindraceo-fusoideis, 80–90 × 15, breve crasse stipitatis, aparaphysatis, octosporis, apice, tunica integra, rotundatis; sporidiis distichis elongato-fusoideis, 28–30 × 4 $^1/_2$–5, rectis curvulisve utrinque obtuse attenuatis, 1-septatis, non constrictis, hyalinis.

Hab. in pagina inferiore et parcius in superiore foliorum Adonidis vernalis in Marchia *Brandenburg* (O. Reinhardt in herb. P. Magnus).

Obs. Affinis, quoad sporidia, *Sphærellæ Populi* Awd.

15. **Pleonectria Berolinensis** Sacc. Peritheciis erumpenti-superficialibus, in cæspitulos pulvinatos aggregatis e globoso depressis, diam. $^1/_3$–$^1/_2$ mill. mox umbilicato-scutellaribus, lateritio-rubris, contextu laxe celluloso, rubescente, ostiolo impresso; ascis cylindraceis, subsessilibus, 90–100 ⋇ 10, apice coarctato-truncatis, paraphysibus genuinis nullis, 8sporis; sporidiis monostichis ovato-oblongis, 18–20 ⋇ 8, utrinque obtusiusculis, tenuiter 7-septato-muriformibus, non constrictis, minute guttulatis, hyalinis.

Hab. in ramis emortuis Ribis aurei (?) in Horto botanico Berolinensi (P. Magnus).

Obs. Habitus *Nectriæ sinopicæ* sed fructificatio prorsus aliena.

16. **Chætomium calvescens** Sacc. Peritheciis superficialibus e basi applanata globulosis, diam. $^1/_4$–$^1/_5$ mill., aterrimis, contextu distincte celluloso, fuligineo, breve sparse pilosellis; ascis.... (diffluentibus?); sporidiis ellipsoideo-limoniiformibus (h. e. utrinque breve obtuse apiculatis), 10–14 ⋇ 5–5 $^1/_2$, pluriguttulatis, fulvo-ferrugineis.

Hab. in ligno pineo putrescente, socia *Magnusia nitida*, Berolini 1869 (P. Magnus).

Obs. Colore et magnitudine sporidiorum facile dignoscenda species.

17. **Magnusia** Sacc. nov. gen. Perithecia e globoso horizontaliter oblonga, membranaceo-carbonacea, astoma, glabra, basi filamentis paucis apice circinatis cincta. Asci.... diffluentes? Sporidia continua, olivacea.

Obs. Hoc novum genus, præclaro inventori Paulo Magnus jure meritoque dicatum, a *Chætomio* differt peritheciis nitidissimis, applanato-oblongis, sola ima basi filamentis parcis cinctis; a *Perisporio* forma perithecii filamentisque apice exquisite circinatis, fuligineisque; ab *Apiosporio*, cui forte affinius, filamentis iisdem, sporidiis fuscis etc.

18. **Magnusia nitida** Sacc. Peritheciis superficialibus, horizontaliter oblongis $^1/_4$–$^1/_3$ lg., aterrimis, nitidissimis, astomis, contextu minute sed distincte celluloso, fuligineo, basi

filamentis 6–8, plerumque geminatis, perithecio paulo longioribus, apice exquisite circinatis, fuligineis cinctis; sporidiis ellipsoideis, minutis, 4–5 ✶ $3\frac{1}{2}$, lutescenti-olivaceis, guttulam hyalinam includentibus.

Hab. in ligno pineo putri Berolini, socio *Chætomio calvescente,* 1869 (P. Magnus).

Obs. Sporidia quandoque in glomerulos congregata videntur, an ergo primitus in ascis cito diffluentibus? inclusa?

Sphæropsideæ.

18. **Hendersonia ichthyospora** Sacc. Peritheciis gregariis epidermide velatis dein erumpentibus, globuloso-applanatis, $\frac{1}{3}$–$\frac{1}{4}$ mill. diam., breviter papillatis, contextu distincte celluloso fuligineo, solidiusculo; stylosporis oblongis, 15–18 ✶ $3\frac{1}{2}$, 3–septatis, non constrictis e hyalino dilute olivaceis in stipitem sensim attenuatis ideoque subpisciformibus, stipite filiformi 30–35 lgo, basi $\frac{3}{4}$ micr. crasso, hyalino,

Hab. in caulibus ramisque Umbelliferarum ad *Börnicke* prope *Bernau* in Marchia *Brandenburg*, 1872 (P. Magnus).

Obs. Stylosporis fere pisciformibus a ceteris speciebus mihi notis facillime dignoscenda.

19. **Hendersonia arenaria** Sacc. Peritheciis gregariis subcutaneis dein erumpentibus, globoso–lenticularibus, $\frac{1}{4}$–$\frac{1}{5}$ mill. diam., minutissime papillatis, quandoque subhysteriiformibus, atris, contextu minute sed distincte celluloso, ochraceo–fuligineo; stylosporis cylindraceis rectis curvulisve utrinque obtusiusculis, 30–35 ✶ $3\frac{1}{2}$–4, plasmate 4–partito, 3–septatisque, hyalinis.

Hab. in culmis Elymi arenarii ad *Skaereninsel* östlich von *Dalaroe* prope *Stokholm*, Julio 1871 (P. Magnus).

Obs. Ad genus *Septoriam* paululum quoque vergit.

20. **Hendersonia riparia** Sacc. Peritheciis gregariis, tectis, globoso-lenticularibus, punctiformibus, 80–100 micr. diam. pertusis; contextu celluloso laxiusculo, ochraceo-

fuligineo; stylosporis cylindraceis, 40–45 ≈ 3 $^1/_2$–4, curvulis, utrinque obtuse leniter attenuatis, 6–7–septatis, sæpius 7–8–guttulatis, flavidis, basidiis fasciculatis filiformibus, sursum attenuatis, 20–30 ≈ 2–3, hyalinis, fultis.

Hab. in foliis, præcipue ad paginam infer. Caricis ripariæ ad *Finkenkrug* prope *Spandau* in Marchia *Brandenburg,* Junio 1872 (P. (MAGNUS).

Obs. Peraffinis videtur *Darlucæ* (*Hend.* *macropodi* Bk., Cooke Hndb. p. 437, a qua stylosporis distincte 6–7–septatis (nec tantum 3–6–guttulatis) differt.

21. **Phoma difformis** Sacc. Peritheciis gregariis erumpenti–superficialibus, epixylis, e globoso conoideis difformibusque, $^1/_4$–$^1/_3$ mill. diam., varie breve papillatis, aterrimis, subcarbonaceis; spermatiis ellipsoideis, 2 $^1/_2$ 3 ≈ 2, hyalinis in basidiis fasciculatis crassiuscule filiformibus acrogenis.

Hab. in ligno putri (Tiliæ?) Berolini, Febr. 1872 et Martio 1877 (P. MAGNUS).

22. **Phoma labens** Sacc. Peritheciis gregariis superficialibus, $^1/_4$ mill. diam., globosis vix papillatis, membranaceo-molliusculis, dein collabescendo excavatis, fuligineo-atris; spermatiis cylindraceis 4 ≈ 1, lenissime curvulis, hyalinis, basidiis filiformibus, fasciculatis spermatio duplo longioribus ex strato proligero celluloso fuligineo oriundis fultis.

Hab. in libro trunci Robiniæ Pseudacaciæ Berolini. 1877. (P. MAGNUS),

23. **Phoma Visci** Sacc. Peritheciis in maculis foliorum arescendo flavicantibus aggregatis epidermide velatis dein erumpentibus, subglobosis papillulatis, atris, diam. $^1/_4$–$^1/_5$ mill., solidiusculis; spermatiis oblongo–ovatis, rectis, 5 ≈ 2 $^1/_2$, 2–guttulatis, hyalinis.

Hab. in foliis Visci albi ad *Prater* Vindobonæ, Majo 1875 P. MAGNUS).

Obs. A Phyllostictis peritheciis pachydermaticis recedit.

24. **Phoma? cassubica** Sacc. Peritheciis gregariis epidermide velatis, dein semi–erumpentibus, astomis, lon-

gitudinaliter oblongis, subcarbonaceis, aterrimis; spermatiis cylindraceis, 18–20 ∗ 2, utrinque obtusiusculis, curvulis rectisve, 1–septatis, non constrictis, hyalinis, basidiis dense fasciculatis, 50–60 ∗ 3, filiformibus, guttulatis, hyalinis.

Hab. in caule Viciæ cassubicæ ad *Driesen* in Marchia *Brandenburg* (P. Magnus).

Obs. Peritheciorum forma spermatiisque 1–septatis a genere desciscit.

25. **Phoma pinea** Sacc. Peritheciis dense gregariis superficialibus epixylis, globulosis vix papillatis, 80–150 micr. diam., aterrimis; spermatiis cylindraceis utrinque acutatis, curvulis, 5 ∗ 1, hyalinis.

Hab. in libro Pini sylvestris putri, Berolini, 1876 (P. Magnus).

26. **Phoma pithya** Sacc. Peritheciis sparsis subcutaneis, dein semierumpentibus, globulosis, vix papillatis, $^1/_3$ mill. diam., contextu celluloso solidiusculo fuligineo; spermatiis fusoideis plerumque rectis, 9–11 ∗ $2^1/_2$–$3^1/_2$, initio 2–guttulatis, hyalinis.

Hab. in ramulis corticatis Pini sylvestris in horto botanico Berolinensi, Febr. 1870 et 1877. (P. Magnus).

Obs. Verisimiliter status spermogonicus *Diaporthis* Tetrast. *pithyæ* Sacc.

27. **Phoma Patonieana** Sacc. Peritheciis gregariis v. hinc inde in cæspitulos parvos aggregatis, erumpentibus, globulosis vix papillatis, aterrimis, contextu celluloso fuligineo; spermatiis ovato-ellipsoideis, 8–10 ∗ 4, hyalinis e strato proligero immediate oriundis.

Hab. in ramulis corticatis (Drupaceæ?) in *Thiergarten* Berolini, Jan. 1876 (H. Patonié in herb. P. Magnus).

28. **Phoma salsa** Sacc. Peritheciis gregariis punctiformibus epidermide velatis erumpentibusque, globoso–depressis, 100 micr. diam., pertusis, contextu distincte celluloso ochraceo–fuligineo; spermatiis cylindraceis lenissime curvis, 4 ∗ 1, utrinque rotundatis, 1–guttulatis, hyalinis.

Hab. in ramis bracteisque Salsolæ Kali ad *Nordcanal* prope Berolinum, Jan. 1872 (P. Magnus).

29. **Phoma graminella** Sacc. Peritheciis gregariis subcutaneis globoso-depressis $^1/_6$–$^1/_5$ mill. diam., atris, ostiolo obtusiusculo brevi perforante, contextu perithecii distincte laxiuscule celluloso, fuligineo; spermatiis ovato–fusoideis, utrinque acutiusculis, rectis, 15–18 ∗ 4, hyalinis.

Hab. in foliis Calamagrostidis ad *Helgoland* 1865. (P. MAGNUS).

Obs. Pari fere jure ad gen. *Sphæropsidem;* sed meo sensu hujus generis genuinæ species a gen. *Phoma* nulla nota essentiali differunt, nam ceteræ *Diplodiam* aut *Coniothyrium* spectant. Præsens species a *Ph. biocellata* Mtgn., *Ph. Graminis* West. et *Sphæropside arundinacea* Bk. certe distinguenda.

30. **Ascochyta graminicola** Sacc. Maculis expallentibus v. obsoletis, peritheciis gregariis punctiformibus lenticularibus 100 micr. diam. pertusis, contextu distincte parenchymatico fuligineo; spermatiis ovato–fusoideis 10–12 ∗ 4, rectis, 1–septatis, 2–nucleatis, hyalinis.

Hab. in foliis Arrenatheri avenacei Berolini, Junio 1872. (P. MAGNUS).

31. **Septoria Phyteumatum** Sacc. Maculis indeterminatis expallentibus; peritheciis dense gregariis, initio epidermide velatis e globoso lenticularibus, 80–100 micr. diam., poro pertusis, contextu parenchymatico solidiusculo fuligineo: spermatiis filiformibus rectis curvulisve, 40–45 ∗ 1, vix guttulatis, continuis, hyalinis.

Hab. in foliis Phyteumatum prope Vindobonam (MARENZELLER in herb. P. MAGNUS).

Obs. Ab hac *Septoriam Phyteumatis* Siegm. in F. E. n. 1350, alienam censeo.

32. **Septoria argyræa** Sacc. Maculis arescendo ochraceis variis sæpe fusco–cinctis; peritheciis punctiformibus lenticularibus gregariis, $^1/_{10}$–$^1/_{12}$ mill. diam., pertusis; spermatiis cylindraceis, rectiusculis v. tortuosis. 20–30 ∗ 2$^1/_2$ –3, utrinque obtusiusculis, hyalinis, dein in cirrhos breves carneolos protrusis.

Hab. in pagina superiore foliorum Elæagni argenteæ in Horto botanico *di S. Giobbe* Venetiis. Oct. 1875 P. MAGNUS).

Obs. A *Septoria Elæagni* Dmz. differt spermatiis septatis aliisque notis.

33. **Septoria? pleosporoides** Sacc. Maculis nullis; peritheciis sparsis cladogenis, epidermide velatis, globoso-depressis, $^1/_2$ mill. diam., ostiolo papillato brevi; perithecii contextu celluloso fuligineo; spermatiis filiformibus, rectis curvulisve, 40–50 ⁎ 1–$1^1/_2$, continuis, obsolete guttulatis, hyalinis.

Hab. in caulibus herbarum majorum prope Berolinum et in caule Gei urbani in *Thiergarten* Berolini, Apr. 1874 (P. Magnus); in caule Rumicum Romæ (Bagnis).

Obs. Perithecia habitu et magnitudine *Pleosporæ herbarum;* species ergo a genere deflectens.

34. **Septoria Oreoselini.** (Lasch) Niessl herb. — ? *Ascochyta Oreoselini* Lasch. in Kl. Herb. myc. N. 856 (non vidi).

Hab. in foliis Peucedani Oreoselini ad *Rastatt*, 1871 (P. Magnus).

Obs. Maculæ subcirculares expallentes, rufo-marginatæ: perithecia punctiformia, lenticularia, pertusa, $^1/_{12}$ mill. diam.: spermatia filiformia curvula, 25–26 ⁎ $1^1/_2$, continua, hyalina.

Melanconieæ.

35. **Myxosporium? aberrans** Sacc. Nucleis gregariis, subcutaneis dein erumpentibus, varie sinuosis sordide roseis; spermatiis e strato prolifero ochraceo fasciculatim oriundis, stipitatis, ovato-fusoideis, rectis curvulisve 1-septatis, sæpius constrictis, 15–16 ⁎ 3–4, e hyalino dilutissime roseis, basidiis cylindraceo-conoideis paulo longioribus.

Hab. in cortice (Aesculi?) in horto botanico Berolinensi, Martio 1877 (P. Magnus).

Obs. Affinis *Næmasporæ persicinæ* Fres. Beitr. tab. III. fig. 53–55, sed satis diversum. Illa et hoc cum nullo Næmasporearum genere ob spermatia 1-septata congruunt, sed novum condere tædet.

36. **Glœosporium Lindemuthianum** Sacc. & Magnus. Maculis epicarpicis, subrotundis, arescendo infuscatis, initio rufo-cinctis; acervulis sordide albis in media macula epidermidem pustulatim inflantibus dein erumpentibus; sporophoris fasciculatis, cylindraceis, 45–55 lg., simplicibus; conidiis acrogenis, oblongis rectis curvulisve utrinque subrotundatis, 16–19 ∗ 4 $^1/_2$–5 $^1/_2$, intus granulosis, hyalinis.

Hab. in leguminibus adhuc vivis Phaseoli vulgaris in *Obst- und Gemüse-Garten des landwirthschaft. Instituts Poppelsdorf bei Bonn*, Aug. 1875 (Lindemuth in herb. P. Magnus); Patavii, Julio 1875 (Saccardo).

Obs. An *Septoria Leguminum* Dmz. (non ejus var. β.) Xme Not. p. 10 (1843) sistat hujus Glœosporii statum juvenilem dijudicare nequeo; certe descriptio l. c. longe abhorret. Multo propius accedit *Glœosporium fructigenum* Bk.

37. **Glœosporium affine** Sacc. Myc. Ven. n. 972. Maculis arescendo dealbatis variis; acervulis sparsis, sæpe epiphyllis, initio epidermide nigricante velatis, dein cirrhose erumpentibus; conidiis cylindraceo-oblongis, utrinque rotundatis, 14–20 ∗ 4–6, nubilosis, hyalinis; basidiis filiformibus brevibus fultis.

Hab. in foliis coriaceis Hoyæ, Vanillæ etc. in horto botanico Patavino, Martio 1876 (Saccardo); et in foliis Orchidearum in calidario horti botanici Dresdensis, Sept. 1873 (P. Magnus).

38. **Glœosporium Thomasianum** Sacc. Maculis parvis subcircularibus, amphigenis, rufis; acervulis in media macula erumpentibus, albidis; conidiis ex ovato oblongis utrinque rotundatis, constricto-didymis, 25–30 ∗ 12–15, quandoque loculo uno laterali accedente, rarius conidiis duobus confluentibus, 2–4-guttulatis, hyalinis, basidiis crassis oblongis, conidium subæquantibus, fultis.

Hab. in pagina superiore et inferiore foliorum languidorum Evonymi latifolii ad *Soolenleitung am Fürstenstein bei Berchtesgaden* in *Salzkammergut* (bei Reichenhall) in Bavaria (Doct. Fr. Thomas in herb. P. Magnus).

Obs. Affine *Glœosporio chartusiano* Sacc. M. V. n. 970 et F. it. tab. 86, sed rite distinctum.

39. **Glœosporium alpinum** Sacc. Maculis nullis; acervulis hypophyllis, epidermide tumidula velatis, variis, sordide albis; conidiis oblongo-cylindraceis, utrinque obtusiusculis, 14–15 ✱ 3–4, curvulis, quandoque versus medium tenuiter constrictis, sæpius 2-nucleatis, hyalinis, basidiis brevibus oblongis fultis.

Hab. in pagina inferiore foliorum viventium Arctostaphyli alpini prope *Innichen* in *Pusterthal* Tyroliæ (Doct. Fr. Thomas in herb. Magnus).

40. **Glœosporium tubercularioides** Sacc. Maculis nullis; acervulis minutissimis, gregariis, epidermide velatis, dein erumpentibus, carneolis; strato proligero crassiusculo e cellulis subrotundo-angulosis, crasse 1–2-nucleatis, dilute ochraceis conflato; basidiis cylindraceis simplicibus v. breve verticillato-ramulosis, apice incrassatis vel rarius attenuatis remote septatis hyalinis; conidiis in apice basidiorum v. ramulorum acrogenis ovato-oblongis, 12–15 ✱ 5–8, continuis, rectis curvulisve hyalinis. — Conidia solitaria in ramulis, subcapitata in apice basidiorum.

Hab. in pagina inferiore foliorum languentium Ribis aurei Berolini (P. Magnus).

Hyphomyceteæ.

41. **Septocylindrium Magnusianum** Sacc. Cæspitulis erumpenti-superficialibus sordide albis in partibus foliorum rubentibus leniterque corrugatis amphigenis, subvelutinis; conidiis ex articulo basilari leniter inflato orientibus, catenulatim digestis, cylindraceis, 20–25 ✱ 4, utrinque obtusiusculis, medio 1-septatis, non constrictis, hyalinis.

Hab. in foliis nondum emortuis Trientalis europeæ ad *Swinemünde an der Ostsee,* Apr. 1877 (P. Magnus).

42. **Ramularia sphæroidea** Sacc. Cæspitulis erumpenti-superficialibus applanatis, albis, velutinis, hypophyllis; hyphis fasciculatis filiformibus, 40–50 ✱ 3, tortuosis,

sursum remote denticulatis, hyalinis; conidiis ex denticulis oriundis, globulosis 8–9 micr. diam., rarius 8 ⨯ 7, basi brevissime obsolete apiculatis, hyalinis.

Hab. in pagina inferiore foliorum languentium Loti corniculati ad *Spandau* prope Berolinum, Jul. 1869 et Aug. 1875 (P. MAGNUS).

Obs. Proxima *Ramulariæ pulchellæ* Ces. et *R. pusillæ* Ung. sed satis ab utraque diversa.

43. **Torula** (Antennariæ) **Lechleriana** Sacc. Cæspitulis applanatis membranaceis, fuligineo-atris, quandoque totam foliorum paginam occupantibus, denique (ut Capnodia) secedentibus; hyphis filiformibus repentibus remote septatis, circ. 8 cr. tortuosis, ramulosis; conidiis in catenulas cylindraceas sursum acutatas, parce ramosas digestis, rotundato-cuboideis utrinque planis, diam. 15–20 micr. nitide fuligineis.

Hab. in foliis vivis Myrciæ Lechlerianæ Miq. in Valdivia (Chili) Oct. 1851 (LECHLER in herb. P. MAGNUS).

Obs. In cæspitulorum basi adest mucilago quædam, in qua natant catenulæ ramosæ e conidiis globosis, 1-nucleatis, 6–8 micr. diam., subhyalinis, per sterigmata cylindracea brevia connexis conflatæ. An alga? Formam persimilem in *Antennaria pithyophila* nostrate observare contigit.

44. **Fumago** (Capnodii?) **fungicola** Sacc. Cæspitulis applanatis, maculiformibus, indeterminatis velutinis ex olivaceo fuligineis; hyphis in ganglia varie dense connexis; articulis globuloso-cuboideis, 15–20 micr. diam., 1–4-cellularibus, olivaceo-fuligineis; conidiis oblongo-cylindraceis utrinque rotundatis, 15–25 ⨯ 5–8, medium versus subconstrictis, plasmate bipartito, hyalinis.

Hab. in superficie Polypori sulphurei exsiccati in Marchia *Brandenburg* (P. MAGNUS).

Obs. Verisimiliter status conidiophorus *Capnodii* cujusdam.

45. **Sporidesmium glomerulosum** Sacc. Cæspitulis sæpe in stratum latiuscule extensum congregatis, atro-fuligineis, subvelutinis; hyphis repentibus filiformibus

$1\frac{1}{2}$ micr. cr., tortuosis, dilute fuligineis, hinc inde sporophora brevissima concoloria emittentibus; conidiis in apice sporophororum insertis, oblongo-cylindraceis, curvulis, 35–45 × 8–10, utrinque præcipue apice rotundatis, 6–7–septatis, vix constrictis, 7–8–guttulatis fuligineis.

Hab. in excavatione paginæ inferioris foliorum Juniperi communis in *Forstgarten in Eberswalde* in Marchia Brandenburgensi (P. Magnus).

46. **Helminthosporium hormiscioides** (Cda) Sacc. Fungi ital. t. 55 et Michelia I. 85. – ***H. Magnusianum.** A typo recedit præcipue conidiis apice vix incrassatis. Sporophora cylindraceo-conica, 15–25 × 6; conidia 250–300 × 12–15 (in basi), 35–45–septata, fuliginea, apice pallidiora.

Hab. in ramis putrescentibus in horto botanico Patavino, Aut. 1873 (P. Magnus).

47. **Stemphylium? Magnusianum** Sacc. Cæspitulis applanatis maculiformibus, indeterminatis, compactiusculis, fusco-rufescentibus; hyphis filiformibus vage ramosis, continuis, lutescentibus; conidiis subglobosis, 20–30 micr. diam. e cellulis pluribus reticulato-contextis, amœne rufescentibus.

Hab. in superficie corticis ramorum Alni viridis in *Sondes-Thal bei Geschnitz* in Tyrolia (P. Magnus).

Obs. A ceteris generis speciebus vegetatione, habitu et hyphis paululum desciscit, sed cum quo alio genere jungerem, nescio.

48. **Isaria filamentosa** Sacc. Albida sparsa v. subgregaria; filamentis sæpius fasciculatim oriundis, anguste bacillaribus, rectis curvatisve 1–$1\frac{1}{2}$ mill. altis, ex hyphis filiformibus hyalinis hinc inde breviter squarruloso-excuntibus conflatis, sursumque ubique basidia conidiophora cylindraceo-conica, 10-11 × $3\frac{1}{2}$, hyalina exerentibus; conidiis oblongo-ovoideis, 5–8 × $2\frac{1}{2}$–$3\frac{1}{2}$ hyalinis nubilosis.

Hab. in caulibus putridis Solani spec. exot. in Horto botanico Berolinensi, vere 1871 (P. Magnus).

Obs. Affinis *Isariæ filiformi* Wallr. et *I. brachiatæ* Schum., a quibus habitatione, quadam flexibilitate filamentorum, basidiorum forma &c. satis recedere videtur.

FUNGI VENETI

NOVI VEL CRITICI

VEL MYCOLOGIÆ VENETÆ ADDENDI

AUCTORE

P. A. SACCARDO

SERIES VII.

Sphæropsideæ Lév. reform. *) (*Sphæronemei* Bk.)

Phyllosticta Pers. p. p. Desm. Perithecia in partibus plerumque decoloratis foliorum v. ramulorum innata, membranacea, poro centrali pertusa, spermatiis ovoideis v. oblongis continuis hyalinis v. chlorinis fœta.

+ Species hyalosporæ.

* Species maculas in foliis albas v. griseas efficientes.

A. Species arboricolæ.

1. **Phyllosticta Berberidis** Rabh. in Herb. myc. n. 1865. Maculis sinuosis arescendo griseis dein dealbatis: peritheciis epiphyllis, punctiformibus lenticularibus; spermatiis ovoideis, 4–5 ∗ 3, hyalinis.

Hab. in foliis Berberidis vulgaris *a Narvesa*, 1873 Augusto.

Obs. Species homonyma Westendorpii – Kx Flandr.

*) In hac familia colligo omnia fungorum genera s. d. imperfecta sive inferiora perithecio instructa, ascis carentia, sporasque intra perithecium basidiis plus v. minus manifestis suffultas gerentia. Divisio hæc sistit seriem fungorum pyrenomycetibus ascigeris perfecte parallelam, quibus immo metagenetice conjungitur. Comprehendit *Sphæropsideos*, *Phyllosticteos* et *Cytisporaceos* Fr. Summa (excl. gen.), *Sphæropsideos* et *Sphæronemeos* Kx Fl. Fland., respondetque fere perfecte *Sphæronemeis* Berk. Outl., sed hoc nomen pluribus rationibus prætereundum censeo (Cfr. etymol. et locum in system. Friesii, Summa II. 400).

I. 419 — aliena videtur nam ejusdem spermatia majora sunt, nempe 10 ✶ 5 atque 2–3–guttulata.

2. **Phyllosticta Ligustri** Sacc. Mycoth. Ven. n. 980. Maculis arescendo expallentibus, variis fusco-cinctis; peritheciis epiphyllis, lenticularibus, pertusis, 60 diam.; spermatiis ovoideis, 6–7 ✶ $2^1/_2$–3, 2-guttatis, hyalinis, initio basidiis æquilongis suffultis.

Hab. in foliis Ligustri vulgaris *a Selva*, Sept. 1876, *a Susigana*, Dec. 1876 (Spegazzini).

Obs. Depazea Ligustri Dmz est = *Septoria Ligustri* Dmz. ergo non Phyllosticta mea. Utraque verisimiliter sistit spermogonia *Sphærellæ Ligustri* (Dmz.) Fckl.

3. **Phyllosticta pyrina** Sacc. Maculis arescendo candicantibus, variis; peritheciis plerumque epiphyllis, punctiformibus, lenticularibus, pertusis, 100–130 diam., contextu laxe celluloso ferrugineo; spermatiis ovoideis v. ellipsoideis, 4–5 ✶ 2–$2^1/_2$, hyalinis.

Hab. in foliis Pyri communis socia *Sphærella Bellona* Sacc. sp. nova, nec non in foliis Pyri Mali *a Selva,* Autumno 1873-76.

Obs. Secundum Kx. Flandr. I. 432 *Depazea pyrina* Riess est = *Septoria Pyri* West. seu *S. pyricola* Desm.

4. **Phyllosticta æsculicola** Sacc. Maculis vagis irregularibus arescendo candidis, fusco-cinctis, epiphyllis v. petiolicolis; peritheciis punctiformibus sparsis; spermatiis tenuissimis oblongis v. breve fusoideis, 4 ✶ $^3/_4$, hyalinis.

Hab. in foliis petiolisque Æsculi Hippocastani *a Selva*, Aut. 1873, et *a Susigana*, Dec. 1876 (Spegazzini).

Obs. Depazea æsculicola Fr. sec. auct. est *Septoria.* Quid sit *Ascochyta Hippocastani* Lib. exs. n. 151, ignoro. *Phyllosticta Paviæ* Dmz. omnino aliena est.

5. **Phyllosticta destruens** Dmz. f. **Celtidis australis**. Maculis arescendo albicantibus; peritheciis punctiformibus. hemisphæricis, epiphyllis; spermatiis ex oblongo ovoideis, 5 ✶ $1^3/_4$–2, hyalinis.

Hab. in foliis Celtidis australis *a Selva,* Aut. 1873.

6. **Phyllosticta tinea** Sacc. Maculis subcircularibus v. irregularibus arescendo dealbatis; peritheciis punctiformibus applanatis, $^1/_6$ mill. diam., pertusis; spermatiis minutissimis ex ovato oblongis 4–5 ✶ 1, hyalinis.

Hab. in pag. sup. foliorum Viburni Tini *a Selva*, Sept. 1873.

7. **Phyllosticta Juglandis** (DC.) Sacc. Mycoth. Ven. n. 981. Maculis vagis arescendo dealbatis fusco-cinctis; peritheciis epiphyllis sparsis punctiformibus, lenticularibus, 80 diam., pertusis; spermatiis ovoideo-oblongis, 6–7 ✶ 3–4, minute 2-guttulatis, hyalinis.

Hab. in pag. sup. foliorum Juglandis regiæ languidorum *a Selva*, Sept. 1876.

8. **Phyllosticta Lauri** West., Kx Flandr. I. 417. Maculis sinuosis arescendo dealbatis, fusco-cinctis; peritheciis punctiformibus, lenticularibus; spermatiis oblongo-ovoideis, 10 ✶ 3, utrinque 1-guttulatis, hyalinis.

Hab. in pag. sup. foliorum Lauri nobilis *a Selva*, Aug. 1874.

9. **Phyllosticta Vitis** (Fckl.?) Maculis vagis, sinuosis arescendo dealbatis, fusco-marginatis; peritheciis remotis, punctiformibus, lenticularibus, 70 diam., pertusis, contextu laxiuscule parenchymatico fuligineo; spermatiis oblongo-ovoideis, 6 ✶ 3, 2-guttulatis hyalinis.

Hab. in pag. sup. foliorum Vitis viniferæ *a Casale Monferrato*, Aut. 1876. (F. Negri); *a Selva*, Aut. 1874-76.

Ob. Phyll. Vitis Fckl. et *Phyll. Vitum* Dmz. in Hoffm. Ind. mycol. p. 96 citatæ, mihi ignotæ sunt.

10. **Phyllosticta populea** Sacc. Maculis irregularibus, sinuosis, arescendo candicantibus, fusco-marginatis; peritheciis remotis, punctiformibus, lenticularibus, prominulis, pertusis; spermatiis breve cylindraceis. $3^1/_2$ ✶ $^1/_2$, quandoque medio subconstrictis sed continuis, utrinque rotundatis et minute 1-guttulatis, hyalinis.

Hab. in pag. super. foliorum Populi albæ *a Covolo* (Treviso), Aug. 1874.

11. **Phyllosticta Alcides** Sacc. Maculis sinuosis, arescendo albidis, fusco-cinctis; peritheciis sparsis puncti-

formibus; spermatiis ovoideis utrinque obtuse subattenuatis, 1–guttulatisque, 5 ∗ 3, hyalinis.

Hab. in pag. super. foliorum Populi albæ *a Covolo*, Aug. 1874.

12. **Phyllosticta Grossulariæ** Sacc. Maculis subcircularibus sinuosisve, arescendo griseis albicantibusve, fusco-marginatis; peritheciis punctiformibus sparsis; spermatiis ovoideis v. ellipsoideis, 5–6 ∗ 3, hyalinis.

Hab. in pag. super. foliorum Ribis Grossulariæ *a Selva*, Sept. 1874.

Obs. Huc *Depazea ribicola* Sacc. Mycol. Ven. p. 192 et forte Fuckelii, non Friesii qui in S. M. II. 530 matricem et characteres alienos affert.

13. **Phyllosticta Pseudoplatani** Sacc. Maculis sinuosis arescendo dealbatis, brunneo-cinctis; peritheciis lenticularibus, 60 micr. diam., laxiuscule ferrugineo-parenchymaticis, pertusis; spermatiis oblongis v. breve cylindraceis, 5–6 ∗ 3, eguttulatis, hyalinis.

Hab. in pag. sup. foliorum Aceris Pseudoplatani *a Selva*, Sept. 1874.

14. **Phyllosticta syriaca** Sacc. Maculis sinuosis variis arescendo dealbatis late fusco-cinctis; peritheciis remotiusculis, punctiformibus, lenticularibus, 50 micr. diam., pertusis; spermatiis ovoideis v. subellipsoideis, 7 ∗ 3–4, hyalinis.

Hab. in foliis Hibisci syriaci *a Vittorio*, Oct. 1874.

Obs. A *Phoma maculari* Dmz. prorsus diversa.

15. **Phyllosticta ilicina** Sacc. Mycoth. Ven. 512. Fungi Ven. Ser. V. 203. Maculis vagis pallidis, exaridis obsolete marginatis; peritheciis lenticularibus, prominulis, 60–70 micr. diam., pertusis, remotis; spermatiis ovoideo-oblongis, 8–10 ∗ $3^1/_2$–4, 2–guttalatis, hyalinis.

Hab. in foliis Quercus Ilicis Patavii, Aut. 1875.

16. **Phyllosticta concentrica** Sacc. Mycoth. Ven. n. 352. Fungi Veneti Ser. V. 203. Maculis latis subcircularibus, arescendo expallentibus; peritheciis plerumque concentrice dispositis, lenticularibus 90–100 micr. diam., atris, poro

amplo hiantibus, membranaceis; spermatiis globosis v. ovoideis, 10 ⁎ 8–9, minute pluriguttulatis, hyalinis.

Hab. in foliis Hederæ Helicis *a Padova*, Iulio 1875.

17. **Phyllosticta hedericola** DR. et M., M. Syll. 279, Mycoth. Ven. n. 351. – *Ph. destructiva* f. *Hederæ* Oudem. – Maculis epiphyllis subcircularibus arescendo dealbatis, latiuscule fusco-marginatis; peritheciis punctiformibus, prominulis, pertusis; spermatiis oblongis, 6 ⁎ $2^1/_2$, 2–guttulatis, hyalinis.

Hab. in foliis Hederæ Helicis *a Padova*, Majo 1875.

18. **Phyllosticta Caprifolii** (Opiz) Sacc. – *Depazea Caprifolii* Opiz (?), Sacc. Mycol. Ven. p. 193 – *Ph. vulgaris* Dmz. f. *Caprifolii* Sacc. Fungi Ven. Ser. VI p. 35 – Maculis amphigenis subrotundis arescendo griseis, fusco-cinctis; peritheciis remotis, punctiformibus; spermatiis oblongis, 6–7 ⁎ $2^1/_2$, 2–guttulatis, hyalinis.

Hab. in pag. super. fol. Loniceræ Caprifolii *a Colfosco* et in s. *Montello*, Sept. 1876-77, socia *Sphærella Clymenia* Sacc., cujus est spermogonium.

Obs. Phyllosticta vulgaris Dmz. spermatiis majoribus, nempe 10–14 ⁎ $2^1/_2$–$3^1/_4$ recedit.

19. **Phyllosticta buxina** Sacc. Maculis vagis arescendo expallentibus; peritheciis sparsis, punctiformibus; spermatiis oblongo-ellipsoideis minutissimis, 4 ⁎ $1^1/_2$, utrinque 1–guttulatis, hyalinis.

Hab. in foliis Buxi sempervirentis *a Selva*, Aug. 1874.

20. **Phyllosticta cytisella** Sacc. Maculis epiphyllis, angulosis, arescendo dealbatis, fusco-cinctis; peritheciis punctiformibus, sparsis, pertusis; spermatiis ex oblongo ovoideis, 5 ⁎ 3, eguttulatis, hyalinis.

Hab. in foliis Cytisi nigricantis in s. *Montello*, Sept. 1873.

Obs. Habitu, forma et colore maculæ a *Ph. Cytisi* Dmz. differt.

21. **Phyllosticta Bignoniæ** West., Thüm. F. A. n. 1075. Maculis versiformibus, arescendo albido-griseis; perithe-

ciis punctiformibus, lenticularibus 70–90 micr. diam.: spermatiis oblongo-ovoideis, 5–7 ∗ $2^1/_2$–$3^1/_2$, 2–guttulatis hyalinis.

Hab. in foliis Catalpæ syringifoliæ *a Conegliano*, Oct. 1876 (SPEGAZZINI).

22. **Phyllosticta Quercus** Sacc. & Sp. Maculis variis, subrotundisve, arescendo albicantibus; peritheciis punctiformibus, lenticularibus, diam. 200 micr. diam., latiuscule pertusis, olivaceo-fuligineis; spermatiis ellipsoideis, rectis curvulisve, 7-9 ∗ $2^1/_2$–4, obsolete 1–2–guttulatis, hyalinis.

Hab. in foliis languidis quercinis *a Susigana*, Oct. 1876 (SPEGAZZINI).

23. **Phyllosticta Nerii** West., Kx Flandr. I. p. 418.

Hab. in foliis Nerii Oleandri *a Conegliano*, Nov. 1876 (SPEGAZZINI)

Obs. Spermatia ovoideo-oblonga, 15–18 ∗ 5–6, nubilosa v. 1–guttulata, hyalina.

24. **Phyllosticta Coryli** Sacc. & Speg. Maculis variis sordide albicantibus; peritheciis lenticularibus, 100–150 micr. diam., pertusis, contextu parenchymatico luteo-fuligineo; spermatiis ellipsoideis, 7–8 ∗ 2–$3^1/_2$, utrinque rotundatis, 2–guttulatis, hyalinis.

Hab. in foliis Coryli Avellanæ *a Costa* (Vittorio) Nov. 1876 (SPEGAZZINI).

25. **Phyllosticta evonymella** Sacc. Maculis minutis angulosis ex olivaceo expallentibus; peritheciis dense gregariis, punctiformibus, globulosis, latiuscule pertusis, prominulis, solidiusculis; spermatiis tenuissimis, cylindraceis, rectiusculis, utrinque rotundatis, 4 ∗ $^1/_2$–$^3/_4$, hyalinis.

Hab. in foliis Evonymi europæi *a Vittorio*, Aut. 1873, socia *Ph. Evonymi* Sacc., a qua longe differt.

26. **Phyllosticta Jasmini** Sacc. Maculis subcircularibus, arescendo candidis, tenuiter ochraceo-marginatis; peritheciis punctiformibus, lenticularibus, sparsis; spermatiis oblongis, utrinque acutiusculis, 5 ∗ 3, obsolete 2–guttulatis, hyalinis.

Hab. in foliis Jasmini officinalis *a Conegliano*, Nov. 1876 (Spegazzini).

27. **Phyllosticta Calycanthi** Sacc. & Sp. Maculis versiformibus, arescendo candicantibus; peritheciis amphigenis lenticularibus 150 micr. diam., latiuscule pertusis, contextu laxe celluloso subochraceo; spermatiis ellipsoideis, 7–9 ∗ 5–6, hyalinis.

Hab. in foliis Calycanthi præcocis *a Conegliano*, Oct. 1877 (Spegazzini).

28. **Phyllosticta Weigeliæ** Sacc. & Sp. Maculis variis arescendo candidis; peritheciis sparsis lenticularibus, 150–200 micr. diam. pertusis, contextu minuto parenchymatico, atro; spermatiis oblongo-ellipsoideis inæqualibus, 2-guttulatis, 6–8 ∗ 3, hyalinis.

Hab. in foliis Weigeliæ roseæ *a Conegliano*, Oct. 1877 (Spegazzini).

29. **Phyllosticta Capparidis** Sacc. & Sp. Maculis amphigenis variis arescendo dealbatis, margine elevato ochraceo cinctis; peritheciis sparsis lenticularibus 100 micr. diam., pertusis, minute parenchymaticis, fuligineis; spermatiis oblongo-ovoideis inæqualibus, 8–12 ∗ 3–4$^1/_2$, hyalinis.

Hab. in foliis Capparidis rupestris *a Conegliano*, Oct. 1877. (Spegazzini).

30. **Phyllosticta Magnoliæ** Sacc. Maculis plerumque epiphyllis versiformibus, arescendo dealbatis, non marginatis; peritheciis punctiformibus, lenticularibus, raris; spermatiis oblongis, utrinque rotundatis, 4 ∗ 1$^1/_2$–2, hyalinis.

Hab. in foliis Magnoliæ grandifloræ in Horto Patavino, Majo 1875.

B. Species herbicolæ.

31. **Phyllosticta potentillica** Sacc. Maculis subcircularibus, angulosisve arescendo dealbatis, anguste fusco-marginatis; peritheciis remotis, punctiformibus, pertusis; spermatiis cylindraceo-botuliformibus, 5 ∗ $^3/_4$, curvulis, hyalinis.

Hab. in pag. sup. foliorum Potentillæ reptantis *a Selva*, Aug. 1873.

Obs. Ab *Ph. fragaricola* Dmz. & Rob. spermatiis curvulis et angustioribus differt.

32. **Phyllosticta fragaricola** Dmz et Rob. p. p. (ut videtur) Plant. crypt. III. n. 686. Maculis vagis arescendo dealbatis, sanguineo-marginatis; peritheciis punctiformibus, remote sparsis; spermatiis oblongo-ovoideis, 5 ∗ $1^1/_2$–2, rectis eguttulatis, hyalinis.

Hab. in pag. sup. foliorum Fragariæ chiloensis *a Selva*, Aug. 1874.

33. **Phyllosticta Plantaginis** Sacc. Maculis subcircularibus, arescendo dealbatis; peritheciis sparsis punctiformibus e globoso lenticularibus, diam. 60–80 micr., pertusis; spermatiis oblongo-ovoideis, ovoideisve, 5 ∗ 2, hyalinis.

Hab. in foliis Plantaginis majoribus *a Selva*, Aug. 1873.

Obs. Huc *Ascochyta Plantaginis* Sacc. Mycol. Ven. pag. 194 sed homonyma species Cesatiana verisimiliter ad *Septoriam* spectat.

34. **Phyllosticta sorghina** Sacc. Maculis sinuosis variis expallentibus, zona sanguinea cinctis; peritheciis punctiformibus, sparsis, pertusis; spermatiis ellipsoideis utrinque rotundatis, 5 ∗ 2, 2–guttulatis, hyalinis.

Hab. in foliis Sorghi vulgaris, socia *Ascochyta Sorghi* Sacc. et *Sphærella Cerere* Sacc., cujus est probabile spermogonium, *a Selva*, Aut. 1873.

Obs. *Phyll. Sorghi* Anzi in Rabh. F. E. n. 2162 sistit formam leptostromaceam v. phyllachoraceam, cujus sporas proprias non vidi.

35. **Phyllosticta Asclepiadearum** West. Bull. Brux. 1851 pag. 398. Maculis variis arescendo griseis albidisque fusco-cinctis; peritheciis punctiformibus, lenticularibus, diam. 100 micr.; spermatiis ellipsoideo-oblongis v. subcylindraceis, $4^1/_2$–6 ∗ $2^1/_2$–3, hyalinis.

Hab. in foliis Cynanchi Vincetoxici *in Cadore*, æst. 1873 (Venzo) et in sylva *Montello*, aut. 1874 (Sacc.).

36. **Phyllosticta Ehrhartii** Sacc. Maculis arescendo deal-

batis, sinuosis, sanguineo-marginatis; peritheciis epiphyllis, punctiformibus, remote sparsis, lenticularibus; spermatiis oblongo-ovoideis, 4–5 ∗ 3, hyalinis.

Hab. in foliis Scrophulariæ Ehrhartii *a Selva*, Aug. 1874.

37. **Phyllosticta scrophularinea** Sacc. Maculis minutis angulosis, arescendo candicantibus, late rufo-cinctis; peritheciis punctiformibus, lenticularibus, 90–100 micr. diam., sparsis; spermatiis oblongis, rectis curvulisve minutissimis, 3–4 ∗ 1, utrinque rotundatis, hyalinis.

Hab. in pag. superiore foliorum Scrophulariæ nodosæ *a Selva*, Aug. 1875.

Obs. A *Phyll. Scrophulariæ* Sacc. et *Ph. Ehrhartii* Sacc. probe distincta.

38. **Phyllosticta Polygonorum** Sacc. Maculis subcircularibus arescendo dealbatis, amœne sanguineo-cinctis; peritheciis punctiformibus, remotiusculis; spermatiis e globoso ovoideis, 4 ∗ 2–$2^1/_2$, hyalinis.

Hab. in foliis Polygoni Persicariæ *a Selva*, Aug. 1874.

39. **Phyllosticta Urticæ** Sacc. Maculis subcircularibus sinuosisque, arescendo dealbatis; peritheciis sparsis, punctiformibus, lenticularibus, 60 micr. diam., pertusis, contextu densiuscule parenchymatico; spermatiis oblongo-ovoideis, 5–6 ∗ $3^1/_2$, hyalinis.

Hab. in foliis Urticæ dioicæ *a Selva*, Sept. 1874.

40. **Phyllosticta Sonchi** Sacc. Maculis arescendo dealbatis non marginatis, variis; peritheciis paucis punctiformibus, lenticularibus, pertusis, 100 micr. diam.; spermatiis oblongo-ovoideis 7–$7^1/_4$ ∗ $3^1/_2$, rectis curvulisve, 2–guttulatis, hyalinis.

Hab. in foliis Sonchi oleracei *a Conegliano*. Aut. 1876 (Spegazzini).

41. **Phyllosticta Calystegiæ** Sacc. Maculis subcircularibus arescendo cinerascentibus albisve, brunneo-marginatis; peritheciis sparsis, punctiformibus, lenticularibus, 80 micr. diam., pertusis, minute parenchymaticis; spermatiis oblongo-ovoideis, 4–5 ∗ $2^1/_2$–3, hyalinis.

Hab. in pag. sup. foliorum Calystegiæ sepium cum *Septoria Convolvuli, a Selva*, Sept. 1874.

42. **Phyllosticta Tami** Sacc. Maculis subcircularibus oblongisve arescendo expallentibus rufo-marginatis; peritheciis punctiformibus, lenticularibus, pertusis, laxe ochraceo-parenchymaticis; spermatiis oblongo-cylindraceis, 7–8 × 3–4, ad medium quandoque subconstrictis (sed continuis) utrinque rotundatis et 1–guttulatis, hyalinis.

Hab. in foliis Tami communis *a Conegliano*, Majo 1876 (Spegazzini).

43. **Phyllosticta cruenta** (Fr.) Kx Flandr. I. 412. Maculis subcircularibus, oblongisve, amœne sanguineis, dein centro pallentibus; peritheciis gregariis sparsisve epiphyllis, globoso-lenticularibus, astomis, contextu compacto crassiusculo; spermatiis (cellulis perithecii interioribus?) e globoso ellipsoideis, 10–15 × 7–8, pluri-guttulatis, hyalinis, basidiis cylindricis paulo brevioribus fultis.

Hab. in foliis Polygonati multiflori in toto agro Veneto, æstate.

Obs. Sec. cl. Oudemans (Cfr. optimam ejus opellam *Contribut. mycol.* I. 15 et 53), hic fungillus sistit statum immaturum, non vero spermogonicum Stigmateæ cujusdam; quod nondum probatum mihi videtur.

44. **Phyllosticta Oxalidis** Sacc. Maculis variis arescendo candicantibus, fuligineo-marginatis; peritheciis sparsis, paucis, punctiformibus, globoso-lenticularibus, pertusis, laxe cellulosis; spermatiis e globoso ovoideis, 4 × 3, hyalinis,

Hab. in foliis Oxalidis Acetosellæ *a Conegliano*, Iunio 1876 (Spegazzini).

Obs. Forte spermogonium *Sphærellæ Selenis* Sacc.

45. **Phyllosticta Lamii** Sacc. Maculis vagis latiusculis, arescendo dealbatis, zona plus v. minus lata ochracea cinctis; peritheciis remote sparsis, punctiformibus, pertusis, laxiuscule cellularibus, lutescentibus; spermatiis oblongis, utrinque obtusiusculis, 1–guttulatisque, 7 × 3, hyalinis, basidiis filiformibus acuminatis 5 × 2 suffultis.

Hab. in foliis Lamii Orvalæ et L. albi *a Selva*, Aug. 1873-74.

46. **Phyllosticta Violæ** Dmz. Not. XIV. p. 29 (1847) f. *Violæ tricoloris*. Maculis subcircularibus oblongisve, arescendo candidis, rufo-marginatis; peritheciis punctiformibus, lentiformibus, 100 diam., laxiuscule cellulosis, pertusis; spermatiis oblongis v. subcylindraceis, 6 * $2^1/_2$, sæpe curvulis, 2–guttulatis, hyalinis.

Hab. in foliis Violæ tricoloris *a Selva*, Sept. 1876.

47. **Phyllosticta Cirsii** Dmz. Kx. Flandr. I. 414. Maculis epiphyllis variis subcircularibus, arescendo cinerascentibus fusco-cinctis; spermatiis oblongo-ovoideis, 5–7 * $2^1/_2$–3, 2–guttulatis, hyalinis.

Hab. in pag. sup. foliorium Cirsii arvensis *a Selva*, Aug, 1877,

48. **Phyllosticta althæina** Sacc. Maculis sinuosis arescendo expallentibus, anguste fusco-marginatis; peritheciis sparsis punctiformibus, lenticularibus, 90 diam., pertusis laxiuscule ochraceo-cellulosis; spermatiis oblongo-ovoideis, 6–7 * 3–4, rarius curvulis, 2–guttulatis, hyalinis.

Hab. in foliis Althææ roseæ *a Selva*, Aug. 1876. Legi quoque in ejusdem caule, ubi maculas albidas similes efficit.

49. **Phyllosticta Arunci** Sacc. Fungi Ven. Ser. V. 300. Maculis arescendo dealbatis, amphigenis, circulari-angulosis, sæpius fusco-cinctis; peritheciis lenticularibus, punctiformibus, late pertusis ovoideo-oblongis, 5 * $^3/_4$, hyalinis.

Hab. in foliis Spireæ Arunci *a Selva*, socia *Sphærella Dejanira* Sacc., cujus est spermogonium, Sept. 1874.

50. **Phyllosticta helleborella** Sacc. Fungi Ven. Ser. V. 301. Maculis arescendo candidis, nitidis, variis, sæpe angulosis, atromarginatis, plerumque epiphyllis; peritheciis lenticularibus latiuscule hiantibus, punctiformibus: spermatiis oblongo-ovoideis, utrinque acutiusculis, 7 * 3, 2–guttulatis, hyalinis.

Hab. in foliis Hellebori viridis *a Covolo*, socia *Sphærella Hermione* Sacc. cujus est spermogonium.

51. **Phyllosticta Farfaræ** Sacc. Fungi Ven. Ser. II. 302. Maculis epiphyllis irregularibus, arescendo albicantibus, zona elevata atropurpurea cinctis; peritheciis punctiformibus, lenticularibus, 80 micr. diam.; spermatiis ellipsoideis v. ovoideis, 5–6 ∗ 3, 2-guttulatis, hyalinis.

Hab. in foliis Tussilaginis Farfaræ *a Covolo*, Sept. 1874, socia *Sphærella Pieride* Sacc. cujus est spermogonium.

52. **Phyllosticta Marchantiæ** Sacc. Maculis vagis epiphyllis arescendo dealbatis, fusco-cinctis; peritheciis punctiformibus, atris, lenticularibus, 70–80 micr. diam., pertusis; spermatiis oblongo-cylindraceis, 5 ∗ 1, curvulis rectisve, 2-guttulatis, hyalinis.

Hab. in fronde Marchantiæ *a Sernaglia* (Treviso) Aut. 1874 (Spegazzini).

53. **Phyllosticta Pharbitis** Sacc. Mycoth. Ven. n. 983. Maculis arescendo expallentibus fusco-cinctis, variis; peritheciis parcis, amphigenis, lentiformibus, 100 micr. diam. pertusis; spermatiis oblongis interdum curvulis, 6 ∗ 2–3, 2-guttulatis, hyalinis.

Hab. in foliis Pharbitis hispidæ *a Selva*. Oct. 1876.

54. **Phyllosticta Humuli** Sacc. & Sp. Maculis variis arescendo dealbatis; peritheciis punctiformibus, lenticularibus, 80–90 micr. diam., anguste pertusis, tenuiter membranaceis flavo-fuliginis; spermatiis oblongis, 6–9 ∗ 4–5, utrinque rotundatis, rectis curvulisve, 1–2–3-guttulatis, hyalinis.

Hab. in foliis languidis Humuli Lupuli *a Conegliano*, Nov. 1876 (Spegazzini).

55. **Phyllosticta Teucrii** Sacc. & Sp. Maculis variis arescendo albidogriseis; peritheciis gregariis, punctiformibus, lenticularibus, late pertusis, contextu distincte parenchymatico olivascente; spermatiis cylindraceis, minutissimis, 4–5 ∗ 1–1$^{3}/_{4}$, quandoque curvulis, hyalinis.

Hab. in foliis Teucrii Chamædryos *a Conegliano*, Oct. 1876 (Spegazzini).

56. **Phyllosticta Alismatis** Sacc. & Sp. Maculis latis, arescendo albicantibus, fuligineo-cinctis; peritheciis gre-

gariis, sublenticularibus, nigricantibus; spermatiis oblongo-ellipsoideis, $8 * 3\frac{1}{2}$, utrinque rotundatis hyalinis.

Hab. in foliis Alismatis Plantaginis *a Conegliano*, Oct. 1876 (SPEGAZZINI).

57. **Phyllosticta Laserpitii** Sacc. Maculis epiphyllis, minutis, griseo-albicantibus; peritheciis sparsis punctiformibus, 90–100 micr. diam., lenticularibus, pertusis; spermatiis ellipsoideo-oblongis, $4–5 * 2\frac{1}{2}–2\frac{3}{4}$, rectis, 2-guttulatis, hyalinis.

Hab. in foliis Laserpitii latifolii cum *Passalora depressa*, in montanis Tarvisinis (A. DE BÉRENGER).

58. **Phyllosticta Cucurbitacearum** Sacc. Maculis epiphyllis v. amphigenis, variis, arescendo sordide albicantibus; peritheciis punctiformibus, 80–100 micr. diam., lenticularibus, pertusis; spermatiis oblongis, $5–6 * 2\frac{1}{2}$, utrinque obtusiusculis, curvulis, 2-guttulatis, hyalinis.

Hab. in foliis Cucurbitæ Peponis *a Vittorio*, Oct. 1875.

59. **Phyllosticta Filipendulæ** Sacc. Maculis epiphyllis, subcircularibus, arescendo dealbatis atrosanguineo-marginatis; peritheciis sparsis, punctiformibus, 80–90 micr. diam., lenticularibus pertusis, contextu minute parenchymatico; spermatiis cylindraceo-oblongis, $4 * 2$, 2-nucleatis, hyalinis.

Hab. in foliis Spirææ Filipendulæ *a Conegliano*, Sept. 1876 (SPEGAZZINI).

60. **Phyllosticta Portulacæ** Sacc. & Sp. Maculis subcircularibus, arescendo dealbatis, margine elevato fuscescente; peritheciis lenticularibus, punctiformibus, 50–60 micr. diam. pertusis; spermatiis ovoideis, $4–5 * 3$, 2-guttulatis, hyalinis.

Hab. in foliis Portulacæ oleraceæ *a Selva*, Aug. 1877.

** Species maculas in foliis ochraceas, rufas v. brunneas efficientes.

A. Arboricolæ.

61. **Phyllosticta Cytisi** Dmz. Not. XIV (1847) p. 34. Maculis arescendo fuscidulis, subcircularibus, vix marginatis; peritheciis sparsis, punctiformibus; spermatiis ovoideo-oblongis, 6 ✶ 3–4, sæpe curvulis, utrinque rotundatis 1–guttulatisque, hyalinis.

Hab. in foliis Cytisi Laburni *a Selva e Conegliano*, Aug. 1875.

62. **Phyllosticta Cathartici** Sacc. Maculis subcircularibus arescendo ochraceis, fusco-rufo-marginatis; peritheciis punctiformibus, lenticularibus pertusis; spermatiis ovato-fusoideis, 10 ✶ 4, 2–guttulatis, hyalinis.

Hab. in pag. sup. foliorum Rhamni cathartici *a Selva*, Aug. 1873.

Obs. Ab hac *Phyllosticta Rhamni* West. differt spermatiis multo minoribus, nempe 5 ✶ 3; *Phyllosticta rhamnicola* (Lasch) Dmz. spermatiis cylindraceis 7 lgs recedit. Huc e contra spectat *Depazea rhamnicola* Sacc. Mycol. Ven. 192 et probabiliter Fckl. Symb. 380 (in Rhamno cathart.) non Laschii, quæ diversam *Phyll. rhamnicolam* Dmz. sistit.

63. **Phyllosticta Robiniæ** Sacc. Maculis vagis irregularibus rufescentibus, margine subconcolori; peritheciis punctiformibus raris; spermatiis ovoideis, 4 ✶ 3, granulosis, hyalinis.

Hab. In foliis Robiniæ Pseudacaciæ *a Selva*, Aut. 1873, raro et a *Conegliano*, Aut. 1876.

Obs. Huc *Ascochyta Robiniæ* Sacc. Myc. Ven. p. 195 non Lib. quæ ad *Septoriam Robiniæ* West. spectat.

64. **Phyllosticta Opuli** Sacc. Maculis angulato-sinuosis arescendo dilute ochraceis fusco-marginatis; peritheciis punctiformibus remote sparsis lenticularibus, 60 micr. diam., pertusis; spermatiis oblongis utrinque rotundatis, 1–guttulatisque, $7–7\frac{1}{2}$ ✶ $2\frac{1}{2}$, hyalinis.

Hab. in foliis Viburni Opuli in sylva *Montello*, Aug. 1874.

65. **Phyllosticta Aceris** Sacc. Mycoth. Ven. n. 352. *Ascochyta Aceris* Sacc. Mycol. Ven. 194, non Libert, quæ sec. auctores est *Septoria Aceris* (Lib.) B. et Br. Maculis subcircularibus arescendo ochraceis, majusculis: peritheciis punctiformibus, lenticularibus, pertusis, atris; spermatiis ovoideis v. oblongo-ovoideis, 5 ∗ $2^1/_2$–3, 2-guttulatis, hyalinis.

Hab. in foliis Aceris campestris *a Vittorio*, Oct. 1874.

Obs. *Ascochyta Aceris* Fckl. Symb. 387 est = *Cheilaria Aceris* Lib Exs. n. 255 = *Didymosporium Aceris* Dmz., mihi dubium. Cfr proxime ad Glœosporium.

66. **Phyllosticta Forsythiæ** Sacc. Mycoth. Ven. n. 979. Fung. ital. n. 87. Maculis subcircularibus, arescendo ochraceis, vix marginatis; peritheciis epiphyllis, sæpe concentrice dispositis, lenticularibus, pertusis, 150–180 micr. diam., initio velatis, fulvis; spermatiis ovoideis 5–7 ∗ $2^1/_2$–3, 2-guttulatis, hyalinis.

Hab. in foliis *Forsythiæ suspensæ* in Horto botanico Patavino, Oct. 1876.

67. **Phyllosticta Syringæ** West. Not. II. 23. Ex. Flandr. I. 417. Sacc. Mycoth. Ven. n, 982. Maculis amplis arescendo ochraceis, irregularibus; peritheciis punctiformibus epiphyllis, lenticularibus, pertusis; spermatiis ovato-oblongis, 8 ∗ 3, 2-guttulatis, hyalinis.

Hab. in foliis Syringæ vulgaris *a Selva*, Oct. 1876.

Obs. Cl. Oudemans hanc ut formam *Ph. destructivæ* Desm. considerat, sed hæc secundum Dmz. spermatia 1–2–septata, 10 ∗ 5 gerit.

68. **Phyllosticta Persicæ** Sacc. Maculis subcircularibus arescendo dilute fuligineis, sanguineo-marginatis, quandoque concentrice subzonatis; peritheciis remotiusculis, punctiformibus lenticulari-conoideis, prominulis, 80–100 micr. diam., pertusis, laxiuscule cellulosis, lutescenti-fuligineis; spermatiis oblongis, interdum curvulis, 6–7 ∗ $3^1/_2$–4, 2-guttulatis, hyalinis,

Hab. in pag. sup. foliorum Persicæ vulgaris *a Selva*, Sept. 1876.

69. **Phyllosticta Ailanthi** Sacc. Maculis latiusculis, irregularibus, arescendo pallide ochraceis rufo-cinctis; peritheciis remotiusculis, punctiformibus e globoso lenticularibus 50–60 micr. diam., pertusis, laxe cellulosis; spermatiis oblongo-ovoideis, 7–10 ⁎ 4, hyalinis.

Hab. in foliis Ailanthi glandulosæ *a Selva*, Sept. 1876.

70. **Phyllosticta cornicola** (DC.) Rabh. in Kl. Herb. myc. n. 454, *Depazea cornicola* DC. An huc *Phyll. Corni* West., Kx Flandr. I. 419?

Hab. in foliis Corni sanguineæ *a Conegliano*, Nov. 1876 (SPEGAZZINI).

Obs. Spermatia oblongo-ellipsoidea, 7–9 ⁎ 3–4, utrinque acutiuscula, 2-guttulata, hyalina; perithecia lentiformia, 150–200 micr. diam., pertusa.

71. **Phyllosticta Siliquastri** Sacc. & Sp. Maculis versiformibus, arescendo rufescentibus; peritheciis amphigenis, sparsis, prominulis, umbilicatis, anguste pertusis, 120–150 micr. diam., ex olivaceo luteolis; spermatiis ovoideis oblongisve, obtusiusculis, 6–7 ⁎ 3–4, 2-guttulatis, hyalinis.

Hab. in foliis Cercidis Siliquastri *a Susigana*, Dec. 1876 (SPEGAZZINI).

72. **Phyllosticta Paulowniæ** Sacc Maculis variis sinuosis, confluentibusque, arescendo ochraceis, saturatius marginatis; peritheciis epiphyllis punctiformibus, gregariis, lenticularibus; spermatiis oblongis, minutissimis, 3 ⁎ $1^1/_2$, hyalinis.

Hab. in foliis Paulowniæ imperialis *a Vittorio*, Oct. 1875.

73. **Phyllosticta Symphoricarpi** West. Not. VII. 7. Kx. Flandr. I. 419. Maculis epiphyllis variis atrofuligineis, dein centro cinerascentibus; peritheciis punctiformibus, lenticularibus; spermatiis oblongis, 6–7 ⁎ $2^1/_2$, utrinque rotundatis, hyalinis.

Hab. in foliis Symphoricarpi racemosæ *a Selva*, Oct. 1876.

74. **Phyllosticta Tecomæ** Sacc. Maculis versiformibus, arescendo fulvo-ochraceis; peritheciis sparsis lenticula-

ribus, 90–100 micr. diam., pertusis, contextu laxiuscule fuligineo; spermatiis oblongo-ovoideis 8 ✶ 3–3½, 2–guttulatis, hyalinis, basidiis æquilongis filiformibus fultis.

Hab. in foliis Tecomæ radicantis *a Vittorio*, Oct. 1877.

75. **Phyllosticta Negundinis** Sacc. & Speg. Maculis variis arescendo fulvo-rufescentibus; peritheciis sparsis punctiformibus, lenticularibus, 100–120 micr. diam., latiuscule pertusis, contextu laxiuscule parenchymatico, dilute fuligineo; spermatiis ellipsoideis, 6–7 ✶ 3–4, obsolete 2–guttulatis, hyalinis.

Hab. in foliis Negundis fraxinifoliæ *a Conegliano*, Oct. 1877 (Spegazzini).

B. Species herbicolæ.

76. **Phyllosticta phaseolina** Sacc. Maculis amplis vagis, arescendo ochraceis, peritheciis sparsis lenticularibus, 70 micr. diam., pertusis; spermatiis ovoideo-oblongis, 6 ✶ 2½, rectis, rarius inæquilateralibus, hyalinis.

Hab. in foliis Phaseoli vulgaris *a Selva*, aut. 1875-76.

77. **Phyllosticta Iacobæa** Sacc. Maculis vagis, obtuse angulatis, arescendo ochraceis; peritheciis punctiformibus, remotis; spermatiis ovoideis v. breviter oblongis, 5 ✶ 2, eguttulatis, hyalinis.

Hab. in foliis Senecionis Iacobeæ in sylva *Montello*, Aug. 1873.

78. **Phyllosticta Epimedii** Sacc. Maculis majusculis irregularibus, ochraceis, rufo-cinctis; peritheciis sparsis, punctiformibus, pertusis; spermatiis oblongo-ellipsoideis, 6 ✶ 1½–2, 2–guttulatis, hyalinis,

Hab. in foliis Epimedii alpini in sylva *Montello*, Aug. 1873.

79. **Phyllosticta orobina** Sacc. Maculis sinuosis, variis, dilute ochraceis, brunneo-cinctis; peritheciis punctiformibus, pertusis; spermatiis ovoideis, 3 ✶ 1, 2–guttulatis, hyalinis.

Hab. in foliis Orobi verni in sylva *Montello*, socia *Ascochyta Orobi*, Sept. 1874.

80. **Phyllosticta Physaleos** Sacc. Maculis subcircularibus arescendo ochraceis, brunneo-marginatis; peritheciis punctiformibus, remotiusculis, lenticularibus, 80 micr. diam., pertusis, contextu subferrugineo, minute celluloso; spermatiis oblongo-ovoideis, $7–8 \times 3^1/_2–4$, crassiuscule 2-guttulatis, hyalinis.

Hab. in foliis Physaleos Alkekengi in sylva *Montello*, Aug. 1874.

81. **Phyllosticta Chenopodii** West. Exs. n. 959. – f. **C. polyspermi.** Maculis vagis arescendo ochraceis; peritheciis punctiformibus, lenticularibus 50 micr. diam., pertusis; spermatiis oblongo-ellipsoideis, 5×3, hyalinis.

Hab. in foliis Chenopodii polyspermi *a Selva* Aug. 1874.

82. **Phyllosticta Filipendulæ** Sacc. & Sp. Maculis arescendo fuligineis, subcircularibus; peritheciis gregariis, globoso-lenticularibus, 200–250 micr. diam., solidiusculis, latiuscule pertusis; spermatiis oblongo-ellipsoideis, $5–6 \times 2–2\,^1/_2$, rectis curvulisque, nubilose hyalinis.

Hab. in foliis Spirææ Filipendulæ *a Susigana*, Oct. 1876.

83. **Phyllosticta Ranunculi** Sacc. & Sp. Maculis vagis, fuligineis; peritheciis hemisphærico-lenticularibus, prominulis, pertusis; spermatiis ovoideis, minutis, $5–6 \times 3–3^1/_2$, hyalinis.

Hab. in foliis Ranunculi repentis in iisdem maculis, quibus primitus insiderat *Ramularia didyma*, *a Conegliano*, Dec. 1876 (Spegazzini).

84. **Phyllosticta Galeopsidis** Sacc. Maculis arescendo dilute ochraceis versiformibus, margine concolori; peritheciis minutissimis, lenticularibus, 60 micr. diam., pertusis; spermatiis oblongis, sæpe inæquilateralibus, utrinque rotundatis, 4×3, 2-guttulatis, hyalinis.

Hab. in foliis Galeopsidis versicoloris *a Selva*, Aug. 1873, socia *Sphærella*.

85. **Phyllosticta Ajugæ** Sacc. & Sp. Maculis versifor-

mibus, latiusculis, arescendo dilute ochraceis, fusco-cinctis; peritheciis sparsis globulosis prominulis, 90–100 micr. diam., pertusis; contextu laxe parenchymatico fuligineo; spermatiis ovato-ellipsoideis, 7–8 * 3, rectis curvulisve, hyalinis, quandoque 2–guttulatis.

Hab. in foliis Ajugæ reptantis *a Conegliano*, Oct. 1877 (SPEGAZZINI).

86. **Phyllosticta Gomphrenæ** Sacc. & Sp. Maculis vagis, latis, amphigenis, arescendo lutescentibus, fusco–cinctis; peritheciis sparsis punctiformibus, lenticularibus, pertusis, contextu laxe parenchymatico fuligineo; spermatiis oblongo-ellipsoideis, 7–8 * 3, hyalinis.

Hab. in foliis Gomphrenæ globosæ *a Conegliano*, Oct. 1877 (SPEGAZZINI).

87. **Phyllosticta Campanulæ** Sacc. & Sp. Maculis variis fulvo–ochraceis, fusco–cinctis; peritheciis epiphyllis, sparsis, lenticularibus, 150 micr. diam., pertusis, laxe cellulosis; spermatiis ovoideis, 8 * 4 $^1/_2$–5, subinæqualibus, dilute olivaceis.

Hab. in foliis Campanulæ Trachelii *a Vittorio*, Oct. 1877 (SPEGAZZINI).

88. **Phyllosticta Lappæ** Sacc. Maculis subcircularibus, sinuosisque arescendo griseo–brunneis, saturatius marginatis; peritheciis remotiusculis, punctiformibus, lenticularibus, 70 micr. diam., contextu lutescenti; spermatiis ovoideo–oblongis v. subreniformibus, 6 * 3, hyalinis.

Hab. in foliis Lappæ minoris *a Selva* Aug. 1876–77.

89. **Phyllosticta Acetosæ** Sacc. Maculis subcircularibus ferrugineo–fuscis; peritheciis epiphyllis, punctiformibus, lenticularibus, gregariis, pertusis; spermatiis oblongis v. breve cylindraceis utrinque obtusis, 4–5 * 2, 2–guttulatis, hyalinis.

Hab. in foliis Rumicis Acetosæ *a Selva*, Sept. 1876.

90. **Pyllosticta Glechomæ** Sacc. Maculis variis sinuosis arescendo brunneis; peritheciis sparsis, punctiformibus, lenticularibus, pertusis; spermatiis oblongis utrinque ro-

tundatis, 7 * 3–3$^1/_2$, rectis v. curvulis, 2–guttulatis, hyalinis.

Hab. in foliis Glechomæ hederaceæ *a Selva*, Aug. 1877.

*** Species maculas nullas v. indefinitas efficientes.

91. **Phyllosticta laburnicola** Sacc. Mycoth. Ven. n. 978. Maculis nullis; peritheciis hinc inde congregatis, lenticularibus, diam. 60–70 micr. pertusis; spermatiis oblongo–cylindraceis, 3–5 * 1, hyalinis.

Hab. in pag. inferiore foliorum Cytisi Laburni *a Selva*, Aug. 1876.

92. **Phyllosticta liliicola** Sacc. Fungi Ven. Ser. II. 303. Maculis nullis; peritheciis hinc inde congregatis, amphigenis, punctiformibus, globulosis, pertusis; spermatiis ovoideis, 10 * 3, 2–guttulatis, hyalinis.

Hab. in foliis languidis Lilii candidi *a Selva*, Aut. 1873, socia *Sphærella Maturna* Sacc., cujus spermogonium videtur.

93. **Phyllosticta capsulicola** Sacc. & Sp. Maculis obsoletis; peritheciis gregariis, punctiformibus, lenticularibus, 70 * 100, pertusis; contextu parenchymatico dilute fuligineo; spermatiis ovoideis, curvulis, 7–11 * 3–4 $^1/_2$, 1–2–guttulatis, hyalinis.

Hab. in capsulis Nicotianæ Tabaci *a Conegliano*, Oct. 1877 (Spegazzini).

94. **Phyllosticta Erythrææ** Sacc. & Sp. Maculis nullis; peritheciis per totum folium flavescens remote sparsis, globoso-lenticularibus, prominulis, atris; spermatiis oblongo-ellipsoideis, 7–10 * 2 $^1/_2$–3, medio sæpe leniter contractis, 2–guttulatis, hyalinis.

Hab. in foliis Erythrææ Centaurii *a Conegliano* Oct. 1877 (Spegazzini).

95. **Phyllosticta Tropæoli** Sacc. & Sp. Maculis obsoletis; peritheciis gregariis, punctiformibus, epidermide prominula velatis, globoso-lenticularibus, 200 micr. diam., pertusis; contextu laxiuscule celluloso late fuligineo; spermatiis ovoideo-oblongis, 6–10 * 3–4, subinæqualibus, nubilose hyalinis.

Hab. in foliis Tropæoli majoris *a Conegliano* Oct. 1877 (SPEGAZZINI).

96. **Phyllosticta Aucubæ** Sacc. & Sp. Maculis obsoletis v. nullis; peritheciis gregariis subcuticularibus, punctiformibus, 80–90 micr. diam., prominulis, anguste pertusis; spermatiis oblongis, utrinque obtusiusculis, $2\frac{1}{2}$–$3 * \frac{3}{4}$–1, hyalinis.

Hab. in foliis dejectis Aucubæ japonicæ *a Conegliano*, Dec. 1876 (SPEGAZZINI).

97. **Phyllosticta Laurocerasi** Sacc. & Sp. Maculis obsoletis v. subcircularibus candicantibus; peritheciis sæpe subconcentrice dispositis, punctiformibus, prominulis, olivaceo-fuscis; spermatiis oblongo-cylindraceis, utrinque rotundatis, raro ad medium subconstrictis, 8–10 * 3–4, sæpe 2–guttulatis, hyalinis.

Hab. in foliis dejectis Pruni Laurocerasi *a Treviso*, Apr. 1874 et *a Conegliano*, Nov. 1876 (SPEGAZZINI).

98. **Phyllosticta Platani** Sacc. & Sp. Maculis obsoletis; peritheciis sparsis, punctiformibus, lenticularibus, luteolis; spermatiis ovoideo-oblongis, 5-6 * 1–$1\frac{1}{2}$, minute 2–guttulatis, nubilose hyalinis.

Hab. in pag. inf. foliorum Platani orientalis *a Conegliano*, Nov. 1876 (SPEGAZZINI).

99. **Phyllosticta Mahoniæ** Sacc. & Sp. Maculis obsoletis; peritheciis sparsis, lenticularibus, punctiformibus, 200 micr. diam., poro angusto pertusis, ochraceo-fuligineis; spermatiis ellipsoideis v. subrotundis, utrinque obtusiusculis, 4–6 * 3–4, hyalinis.

Hab. in foliis dejectis Mahoniæ Aquifolii *a Conegliano*, Nov. 1876 (SPEGAZZINI).

100. **Phyllosticta pyricola** Sacc. & Sp. Maculis obsoletis; peritheciis inordinate sparsis, lentiformibus, prominulis, hypophyllis, 150 mic. diam., atris; spermatiis ovoideis v. ovoideo-oblongis, 2–$2\frac{1}{2} * \frac{3}{4}$–1, hyalinis.

Hab. in foliis dejectis Pyri communis *a Conegliano*, Dec. 1876 (SPEGAZZINI).

101. **Phyllosticta crastophila** Sacc. Maculis obsoletis v. sordide ochraceis; peritheciis late sed laxiuscule gre-

gariis globoso-lenticularibus, innato-prominulis, atris; spermatiis oblongis, 5–6 ⋇ 2, rectis, utrinque obtusiusculis, 2-guttulatis, hyalinis.

Hab. in foliis Setariæ verticillatæ *a Selva*, Sept. 1875.

102. **Phyllosticta betulina** Sacc. Maculis nullis; peritheciis epiphyllis hinc inde dense maculiformiter aggregatis, innato-prominulis, globoso-lenticularibus atris; spermatiis botuliformibus minutis, 4–6 ⋇ 1–1 $^1/_4$, curvulis, hyalinis.

Hab. in foliis Betulæ albæ, socia *Sphærella maculiformi* f. *Betulæ*, cujus videtur spermogonium, *a Conegliano*, Oct. 1876 (Spegazzini).

103. **Phyllosticta Saponariæ** (Fckl.?) Sacc. – *Ascochyta Saponariæ* Fckl. Symb. 388? – Maculis nullis v. obsoletis, peritheciis epiphyllis, hinc inde maculiformiter densissime aggregatis, punctiformibus, globuloso-prominulis, 80 micr. diam., pertusis, aterrimis; spermatiis tenuissimis cylindraceis rectiusculis, 4 ⋇ $^1/_2$, hyalinis.

Hab. in foliis Saponariæ officinalis socia *Septoria, a Selva* Oct. 1873.

104. **Phyllosticta ? discors** Sacc. & Sp. Maculis obsoletis; peritheciis densiuscule gregariis, amphigenis, punctiformibus, lenticularibus atris, 80–120 micr. diam., pertusis, basi sæpius setulam unicam vel paucas aciculares, 80–100 ⋇ 3, septulatas fuligineas gerentibus; contextu parenchymatico minuto; spermatiis cylindraceis 20–25 ⋇ 4–4 $^1/_2$, utrinque rotundatis, rectis v. curvulis, guttulatis v. nubilosis, hyalinis.

Hab. in foliis Rumicis Acetosæ *a Conegliano*, Oct. 1877 (Spegazzini).

++ Species chlorosporæ.

* Maculas in foliis albas v. griseas efficientes.

105. **Phyllosticta rubicola** Rabh. F. E. n. 1757. *Depazea areolata* Sacc. Myc. Ven. p. 192, an Fckl. Maculis subcircularibus parvis arescendo dealbatis, sangui-

neo-marginatis; peritheciis punctiformibus, paucis; spermatiis e globoso ovoideis, 3 ⁎ 2, e hyalino olivaceis.

Hab. in pag. sup. foliorum Rubi cæsii in sylva *Montello*, Aut. 1873.

106. **Phyllosticta populina** Sacc. *Depazea populina* Sacc. Myc. Ven. 193, an Fckl. Maculis angulosis arescendo candidis, nigromarginatis; peritheciis punctiformibus, pertusis; spermatiis ellipsoideis v. ovoideis, 6 ⁎ 3, e hyalino olivaceis.

Hab. in pag. sup. foliorum Populi nigræ, socia *Septoria Populi* Dmz., *a Selva*, Aut. 1873.

Obs. Quo spectent *Phyll. populina* Pers. et *Phyll. populnea* Dmz (in Oudem. Mat. Neerl. II. 23) prorsus ignoro.

107. **Phyllosticta juglandina** Sacc. Maculis vagis arescendo dealbatis fusco-cinctis; peritheciis punctiformibus, lenticularibus; spermatiis ovoideis, minutissimis, 4 ⁎ 2, e hyalino olivaceis.

Hab. in foliis Juglandis regiæ, *a Vittorio*, Oct. 1873.

108. **Phyllosticta viticola** Sacc. & Sp. Maculis vagis sinuosis, arescendo candidis, anguste fusco-cinctis, epiphyllis; peritheciis punctiformibus, lenticularibus, pertusis; spermatiis ellipsodeis, 5 ⁎ $2^1/_2$, eguttulatis, e hyalino olivaceis.

Hab. in foliis Vitis viniferæ in agro Tarvisino, Aut. 1876.

109. **Phyllosticta Evonymi** Sacc. Maculis minutis angulosis, arescendo candidis, brunneo-cinctis; peritheciis sparsis, punctiformibus, diam. 100 micr., lenticularibu spertusis; spermatiis oblongis, sæpius inæquilateralibus utrinque obtusis, 4–5 ⁎ $3^1/_2$–4, obsolete 2–guttulatis, chlorinis.

Hab. in foliis Evonymi europæi *a Vittorio*, Aut. 1873.

110. **Phyllosticta Quercus Ilicis** Sacc. Maculis epiphyllis subrotundo-sinuosis, arescendo candicantibus, linea atro-rufa distincte marginatis; peritheciis gregariis punctiformibus, lenticularibus, epidermide velatis; spermatiis ellipsoideo-oblongis, 5 ⁎ 4, luteolis.

Hab. in foliis Quercus Ilicis in Horto *Boboli* Florentiæ, Majo 1874.

Obs. A *Phyll. ilicina* Sacc. statim distinguenda.

111. **Phyllosticta rhamnigena** Sacc. Maculis subcircularibus arescendo sordide albis, fusco-marginatis; peritheciis epiphyllis dense gregariis punctiformibus, prominulis, atris; spermatiis ovoideo-oblongis, $4^1/_2$–5 ∗ 3, 2-guttulatis, fuscidulo-olivaceis.

Hab. in foliis Rhamni cathartici *a Selva*, Aut. 1876.

Obs. A *Phyll. Rhamni* West. præcipue maculæ natura differt.

112. **Phyllosticta punica** Sacc. & Sp. Maculis parvis epiphyllis, subcircularibus sinuosis, arescendo candicantibus, rufo-marginatis; peritheciis punctiformibus, sparsis, lenticularibus, diam. 80–140 micr. diam., pertusis, contextu parenchymatico densiusculo fuligineo; spermatiis ellipsoideis, 6–7 ∗ 3. dilute olivaceis.

Hab. in foliis Punicæ Granati *a Conegliano*, Oct. 1877 (Spegazzini).

113. **Phyllosticta Opuntiæ** Sacc. & Sp. Maculis variis arescendo candidis, margine subelevato lutescenti cinctis; peritheciis gregariis, lenticularibus, 150 micr. diam., pertusis, laxe cellulosis fuligineis; spermatiis ovoideis, 5–8 ∗ 3–$3^1/_2$, curvulis rectisve, dilute olivaceis.

Hab. in cladodiis Opuntiæ Ficus indicæ *a Conegliano*, Oct. 1877 (Spegazzini).

114. **Phyllosticta Vincetoxici** Sacc. Maculis epiphyllis variis sinuosis, arescendo dealbatis margine tenui rufescente; peritheciis sparsis, punctiformibus lenticularibus; spermatiis ellipsoideis, 5–6 ∗ 3–$3^1/_2$, quandoque inæquilateralibus, olivaceis.

Hab. in foliis Cynanchi Vincetoxici *a Vittorio*, Oct. 1875.

Obs. A *Phyll. Asclepiadearum* West. spermatiis coloratis differt.

115. **Phyllosticta Photiniæ** Sacc. Maculis subcircularibus irregularibusve epiphyllis, arescendo candidis, atro-rufo-marginatis; peritheciis remote sparsis, e globoso

lenticularibus, 60–70 micr. diam., latiuscule pertusis, contextu validiusculo; spermatiis minutissimis ovoideo-oblongis, $2-3^1/_2 * ^3/_4-1$, eguttulatis e hyalino olivaceis.

Hab. in foliis Photiniæ serrulatæ *a Selva*, Aug. 1874.

116. **Phyllosticta photinicola** Sacc. Maculis vagis majusculis, arescendo candicantibus, rufo-marginatis; peritheciis remotiusculis, punctiformibus lenticularibus, 140–150 micr., diam., latiuscule pertusis, contextu laxiuscule celluloso subochraceo; spermatiis ovoideis, $5-6 * 3-3^1/_2$, dilute fuligineis.

Hab. in pag. sup. foliorum Photiniæ serrulatæ *a Selva*, Sept. 1874.

117. **Phyllosticta laurella** Sacc. Maculis latis sinuosis arescendo expallentibus, fusco-cinctis; peritheciis sparsis, punctiformibus, pertusis; spermatiis subsphæroideis, minutis, 4 * 3, fuscidulis.

Hab. in foliis Lauri nobilis *a Selva*, Aug. 1873.

118. **Phyllosticta ruscicola** Dmz. Not. XIV. 32. Maculis subcircularibus vagisve arescendo albicantibus, brunneo-cinctis; peritheciis minutis globoso-lenticularibus, initio tectis; spermatiis oblongis, $7-3 * 3^1/_2$, lutescenti-viridulis.

Hab. in cladodiis Rusci aculeati *a Selva*, Sept. 1874, socia *Leptosphæria Rusci* (Wallr.) Sacc., cujus est probabile spermogonium, (Cfr. Mycol. Ven. tab. IX. fig. 32.) nec non Rusci Hippoglossi *a Conegliano*, (sperm. 10 * 3–4). Aut. 1876 (Spegazzini).

** Species maculas in foliis ochraceas v. fuscas efficientes.

A. Arboricolæ.

119. **Phyllosticta prunicola** (Opiz?) Sacc. Maculis subcircularibus epiphyllis, arescendo sordide brunneis v. ochraceis, margine subconcolore; peritheciis sparsis, punctiformibus, pertusis; spermatiis ovoideis v. ellipsoideis, 5 * 3, e hyalino olivaceis.

Hab. in pag. sup. foliorum Pruni domesticæ, P. Cerasi nec non Pyri Mali *a Selva*, Aut. 1873-75.

Obs. Huc spectat *Depazea prunicola* Sacc. Mycol. Ven. 193, an Opiz. Forma in Malo ad *Leptosphæriam Pomonam* Sacc., tamquam spermogonium, pertinere videtur.

120. **Phyllosticta Tiliæ** Sacc. & Sp. Maculis versiformibus arescendo dilute ochraceis, fuligineo-marginatis; peritheciis sparsis, lenticularibus, 120 micr. diam., pertusis, contextu parenchymatico laxo, subolivaceo; spermatiis ellipsoideis utrinque obtusis, 5–6 ✶ 3, dilute chlorinis.

Hab. in foliis Tiliæ europeæ *a Conegliano*, Oct. 1877 (Spegazzini).

121. **Phyllosticta ulmicola** Sacc. Maculis vagis, majusculis, arescendo ochraceis, margine concolori; peritheciis gregariis punctiformibus, 70–80 diam., lenticularibus, pertusis; spermatiis oblongo-ellipsoideis, 6 ✶ 3, e hyalino olivaceis.

Hab. in foliis Ulmi campestris *a Selva*, Aut. 1874.

Obs. A *Phyll. Ulmi* West. Fl. Batav. Fung. 99 differt maculis ochraceis nec griseis, spermatiisque minoribus (nec 10 ✶ 5) coloratis nec hyalinis.

122. **Phyllosticta Rhamni** West. Not. V. 26. *Phyll. Frangulæ* Kx. Fland. I. 418 .Maculis vagis, subochraceis, fusco-cinctis; peritheciis sparsis, punctiformibus, pertusis; spermatiis oblongis ovoideisve, 6 ✶ 3–3$^1/_2$, e hyalino olivaceis.

Hab. in foliis Rhamni Frangulæ *a Selva*, Aug. 1873.

Obs. Spermatia in Kx. l. c. hyalina indicantur, sed ab ætate pendere potest.

123. **Phyllosticta carpinea** Sacc. Maculis subcircularibus, sinuosisve majusculis, arescendo dilute ochraceis, brunneo-marginatis; peritheciis sparsis, punctiformibus, pertusis; spermatiis e globoso ovoideis, 4–3, e hyalino olivaceis.

Hab. in foliis Carpini Betuli *a Selva*, Aut. 1873.

124. **Phyllosticta corylaria** Sacc. Maculis vagis, sinuo-

sis, arescendo pallide ochraceis, brunneo-marginatis; peritheciis remote sparsis punctiformibus, hemisphæricis, prominulis, diam. 80 micr, pertusis, contextu minute celluloso; spermatiis ovato-oblongis, $4-4^1/_2 * 2$, dilute olivaceis.

Hab. in foliis Coryli Avellanæ *a Selva*, Aug. 1874.

Obs. A *Phyll. Coryli* (Dmz. sub *Cheilaria*) West. toto cœlo diversa.

125. **Phyllosticta Mespili** Sacc. Maculis subcircularibus, arescendo ochraceis, rufo-cinctis; peritheciis sparsis punctiformibus, lenticularibus, pertusis, laxe cellulosis lutescentibus; spermatiis oblongis utrinque rotundatis, $4 * 3$, olivaceis.

Hab. in foliis Mespili germanicæ *a Selva*, e *Cusignana*, Aug. 1876.

B. Herbicolæ.

126. **Phyllosticta Tormentillæ** Sacc. Maculis pallide ochraceis irregularibus, margine subconcolori; peritheciis punctiformibus, lenticularibus, sparsis; spermatiis breve ellipsoideis minutissimis, $3 * 2^1/_2$, e hyalino fuscidulis.

Hab. in foliis Tormentillæ erectæ in sylva *Montello*, Aut. 1873.

Obs. A *Ph. potentillica* Sacc., *Ph. fragaricola* Dmz. &c. tute diversa.

127. **Phyllosticta Scrophulariæ** Sacc. Maculis vagis ochraceis, margine subconcolori; peritheciis punctiformibus sparsis; spermatiis ellipsoideis utrinque obtusis, $5 * 3$, e hyalino fuscidulis.

Hab. in foliis Scrophulariæ nodosæ *a Selva*. Aut. 1873.

128. **Phyllosticta lutetiana** Sacc. Maculis subcircularibus arescendo pallide ochraceis, anguste castaneo-cinctis; peritheciis sparsis, punctiformibus, pertusis; spermatiis ovoideis $5 * 4$, e hyalino olivaceis.

Hab. in foliis Circææ lutetianæ *a Selva*, Aug. 1873.

129. **Phyllosticta ligustrina** Sacc. & Sp. Maculis versiformibus, arescendo sordide lutescentibus; peritheciis gregariis, olivaceo-fuscis, lenticularibus 150–200 micr. diam., pertusis; spermatiis globoso-ovoideis, 4–6 ⁎ 3–4, pallide olivaceis.

Hab. in foliis Ligustri vulgaris *a Costa* (Vittorio) Dec. 1876 (Spegazzini).

130. **Phyllosticta Phaseolorum** Sacc. & Sp. Maculis versiformibus amplis arescendo ochraceis; peritheciis punctiformibus, lenticularibus, 100 micr. diam. pertusis, fuligineis; spermatiis ovoideo-oblongis rectis curvulisve, 5–6 ⁎ 3–3 $^1/_2$, chlorino-olivaceis.

Hab. in foliis Phaseoli vulgaris *a Costa,* Oct. 1877.

Obs. An status alter v. provectus *Phyll. phaseolinæ* Sacc. (n. 76)?

131. **Phyllosticta Dulcamaræ** Sacc. Maculis versiformibus, sæpe marginalibus, arescendo brunneis; peritheciis epiphyllis sparsis lenticularibus, punctiformibus, 80–90 micr. diam. pertusis; spermatiis globoso-ellipsoideis, inæqualibus, 5–6 ⁎ 3, e hyalino chlorinis.

Hab. in foliis Solani Dulcamaræ *a Selva,* Aug. 1873, socia *Septoria.*

*** Species maculas obsoletas v. nullas efficientes.

132. **Phyllosticta nervisequa** Sacc. Maculis nullis v. obsoletis; peritheciis secus foliorum nervos digestis, innato-prominulis, applanatis, oblongis 120–130 lgs, 80 lts, minute pertusis contextu parenchymatico densiusculo fuligineo; spermatiis oblongo-cylindraceis, 8–10 ⁎ 3 $^1/_2$, leniter curvulis rectisve, utrinque obtusiusculis, eguttulatis, e hyalino dilutissime olivaceis.

Hab. in foliis Calystegiæ sepium, utrâque paginâ conspicua, *a Conegliano,* Aug. 1876 (Spegazzini).

133. **Phyllosticta Pœoniæ** Sacc. & Sp. Maculis obsoletis; peritheciis sparsis punctiformibus, globulosis, prominulis, 200 micr. diam., pertusis, laxiuscule cellulosis; spermatiis ovoideis, 10 ⁎ 5, quandoque obsolete 2-guttulatis, dilute olivaceis.

Hab. in foliis Pœoniæ corallinæ *a Conegliano*, Oct. 1877 (SPEGAZZINI).

Ascochyta Lib. em., Sacc. Fungi Ven. Ser. II. 302 (in nota) Peritheciis in partibus plerumque decoloratis foliorum vel ramulorum innata, membranacea, poro centrali pertusa, spermatiis ovoideis oblongisve, 1–septatis, hyalinis v. chlorinis fœta.

+ Species hyalosporæ.

* Maculas albidas v. griseas efficientes.

134. **Ascochyta Orobi** Sacc. Mycoth. Ven. n. 987. Ian. 1877). Maculis arescendo dealbatis, sinuosis, fusco-cinctis; peritheciis punctiformibus, lenticularibus, 100 diam., latepertusis; spermatiis constricto-bilocularibus, oblongis, utrinque obtusis, 15–16 ⋆ $4^1/_2$–6, guttulatis, hyalinis.

Hab. in foliis Orobi verni in sylva *Montello*, Aug. 1876.

Obs. Huc spectat *Septoria Orobi* Pass. in Rabh. F. E. n 2256 (Aprili 1877).

135. **Ascochyta malvicola** Sacc. Maculis subcircularibus, sinuosisve arescendo dealbatis, vix marginatis; peritheciis sparsis punctiformibus lenticularibus, pertusis; spermatiis breve cylindraceis, utrinque rotundatis, 20 ⋆ 4, 1–septatis, leniter constrictis, minute 4–guttulatis, hyalinis.

Hab. in foliis Malvæ sylvestris *a Selva*, Aug. 1873.

136. **Ascochyta limbalis** Sacc. Maculis vagis, sæpe marginalibus, arescendo candidis, zona nigrescente cinctis; peritheciis lenticularibus, pertusis; spermatiis oblongo-cylindraceis, 15 ⋆ 2, utrinque obtusiuculis, 1–septatis, vix constrictis 4–guttulatis, hyalinis.

Hab. in pag. super. foliorum Buxi sempervirentis *a Selva*, Aug. 1874.

Obs. Huc *Depazea buxicola* Sacc. Myc. Ven. p. 193 an Friesii, quæ = *Phyllosticta limbalis* Pers. = *Ph.*

buxicola Kx; sed auctores de septo sporarum silent, ergo de identitate cum mea dubitandum.

137\. **Ascochyta Lantanæ** Sacc. Maculis subcircularibus sinuosisve arescendo dealbatis, anguste fusco-marginatis; peritheciis punctiformibus, epiphyllis sparsis, pertusis; spermatiis anguste fusoideis, 11 ⁎ 2, 1–septatis, non constrictis, hyalinis.

Hab. in foliis Viburni Lantanæ *a Selva*, Aug. 1874.

Obs. Cum *Septoria Viburni* West. non comparanda.

138\. **Ascochyta Quercus** Sacc. & Sp. Maculis versiformibus arescendo albicantibus; peritheciis sublenticularibus, punctiformibus, 80–90 micr. diam.; spermatiis oblongo-ellipsoideis, 7–12 ⁎ 3–4$^1/_2$, utrinque obtusis, 1–septatis, ad septum plus minusve constrictis, hyalinis.

Hab. in foliis quercinis *a Susigana*, Oct. 1876 (Spegazzini).

139\. **Ascochyta Coryli** Sacc. & Sp. Maculis variis v. subcircularibus arescendo albicantibus; peritheciis lenticularibus, 200 mic. diam., pertusis, fuscis; spermatiis oblongo-ellipsoideis v. subcylindraceis, 10 ⁎ 2$^1/_2$, 1–septatis, non constrictis, rectis curvulisve, hyalinis.

Hab. in foliis Coryli Avellanæ *a Costa* (Vittorio), Nov. 1876 (Spegazzini).

140\. **Ascochyta Oleandri** Sacc. & Sp. Maculis albis fusco cinctis; peritheciis sparsis amphigenis, lenticularibus, 200 micr. diam., pertusis, dilute fuligineis; spermatiis fusoideo-oblongis, 11–15 ⁎ 2–2$^1/_2$, 1–septatis, non v. vix constrictis nubilosis, hyalinis.

Hab. in foliis Nerii Oleandri *a Conegliano*, Dec. 1876 (Spegazzini).

141\. **Ascochyta Calycanthi** Sacc. & Sp. Maculis arescendo albicantibus, variis; peritheciis gregariis lenticularibus, punctiformibus, 200 micr. diam., pertusis, atris; spermatiis oblongis v. oblongo-ellipsoideis, 11–14 ⁎ 2$^1/_2$–3, utrinque obtusiusculis, 1–septatis, non constrictis, hyalinis v. nubilosis.

Hab. in foliis Calycanthi floridi *a Conegliano*, Dec. 1876 (Spegazzini).

142. **Ascochyta Violæ** Sacc. & Sp. Maculis arescendo dealbatis, variis; peritheciis gregariis, globoso-lenticularibus, 180–200 micr. diam., pertusis, contextu parenchymatico, circa ostiolum condensato, fuligineo; spermatiis breve fusoideis, 15–18 ⁎ $3^1/_2$–4, 1-septatis, non constrictis hyalinis.

143. **Ascochyta Robiniæ** Sacc. & Sp. Maculis arescendo dealbatis, tenuiter fusco-marginatis; peritheciis sparsis punctiformibus, lenticularibns 180 micr. diam., pertusis; spermatiis oblongo-ellipsoideis, 10–15 ⁎ 5–6, 1-septatis, non constrictis, hyalinis.

144. **Ascochyta Emeri** Sacc. Maculis sæpius marginalibus, arescendo sordide albis, rufo-cinctis; peritheciis sparsis amphigenis, punctiformibus, lenticularibus, 110–120 micr. diam., pertusis; contextu minute parenchymatico fuligineo; spermatiis oblongo-ellipsoideis, 9–15 ⁎ 3–4, utrinque rotundatis, 1-septatis, leniter constrictis, hyalinis.

Hab. in foliis Coronillæ Emeri in sylva *Montello*, Oct. 1876.

145. **Ascochyta Chloræ** Sacc. & Sp. Maculis variis arescendo expallentibus; peritheciis sparsis, globoso-lenticularibus, 100–200 micr. diam., subastomis; contextu laxe parenchymatico dilute fuligineo; spermatiis, oblongo-fusoideis 10–18 ⁎ 2–3, 1-septatis, leniter constrictis, utrinque acutiusculis, hyalinis.

Hab. in foliis Chloræ perfoliatæ *a Conegliano*, Oct. 1877 (Spegazzini).

146. **Ascochyta Erythronii** Sacc. & Sp. Maculis albescentibus, indeterminatis; peritheciis punctiformibus, lenticularibus, pertusis; 150–180 micr. diam.; contextu parenchymatico, dilute fuligineo; spermatiis oblongo-fusoideis, 14–18 ⁎ 4–5, utrinque acutiusculis, 1-septatis, vix constrictis, hyalinis.

Hab. in foliis Erythronii Dentis canis *a Conegliano* Aug. 1877 (Spegazzini).

147. **Ascochyta Daturæ** Sacc. Maculis subcircularibus, sinuosis, arescendo albicantibus, margine lato ochraceo cinctis; peritheciis gregariis epiphyllis, quandoque sub-

concentricis, e globoso lenticularibus, innato-prominulis 100 micr. diam.; spermatiis cylindraceo-oblongis, utrinque rotundatis, 7–8 ✶ 3, 1–septatis, vix constrictis, hyalinis.

Hab. in foliis Daturæ Stramonii *a Selva*, Oct. 1875.

148. **Ascochyta rosicola** Sacc. Maculis subcircularibus arescendo dealbatis, rufo-marginatis, epiphyllis; peritheciis punctiformibus, lenticularibus, pertusis; spermatiis oblongis v. breve fusoideis, 8–10 ✶ 3, 1–septatis, non constrictis, utrinque 1–guttulatis, hyalinis.

Hab. in pag. sup. foliorum Rosæ muscosæ *a Selva*, Aug. 1874.

149. **Ascochyta Sorghi** Sacc. Fungi Veneti Ser. II. 302.

Hab, in foliis Sorghi vulgaris *a Selva*, Aug. 1874, socia *Sphærella Cerere* Sacc.

Obs. Maculæ pallidæ, sanguineo-cinctæ; spermatia oblongo-ovoidea, 14 ✶ 3, 1–septata, 4–guttulata, hyalina.

150. **Ascochyta Ischæmi** Sacc. Maculis indeterminatis expallentibus; peritheciis punctiformibus, globulosis, innatis; spermatiis ellipsoideis v. ovoideis, 10 ✶ $4^1/_2$, 1–septatis, non constrictis, 2–guttulatis, hyalinis.

Hab. in foliis culmisque Andropogonis Ischæmi *a Narvesa*, Aug. 1873.

Obs. Ascochytæ graminicolæ Sacc. F. Magn. n. 30 affinis.

** Species maculas ochraceas, rufas v. brunneas efficientes.

151. **Ascochyta Phaseolorum** Sacc. Mycoth. Ven. n. 988. Maculis indeterminatis, arescendo ochraceis; peritheciis epiphyllis globoso-lenticularibus, 100 diam., pertusis; spermatiis oblongis constricto–1–septatis, 10 ✶ 3, 2–guttulatis, hyalinis.

Hab. in foliis Phaseoli vulgaris *a Selva*; Sept. 1876.

152. **Ascochyta physalina** Sacc. Mycoth. Ven. n. 985, Fungi ital. n. 88.

Hab. in foliis languidis Physalis Alkekengi in sylva *Montello*, Oct. 1876.

Obs. Maculæ ochraceæ, variæ; spermatia cylindraceo-oblonga, constricto-1-septata, 25–28 ✻ 8, 2–1-guttulata, hyalina.

153. **Ascochyta Calystegiæ** Sacc. Maculis vagis irregularibus, arescendo brunneis, concentrice subzonatis, margine saturatiori; peritheciis sparsis epiphyllis punctiformibus, lenticularibus, 90–100 micr. diam., pertusis, laxe cellulosis; spermatiis oblongis v. subclavatis, 7–8 ✻ 3, utrinque obtusiusculis, 1-septatis, non v. vix constrictis, hyalinis.

Hab. in foliis Calystegiæ sepium *a Selva*, Sept. 1876.

154. **Ascochyta Aristolochiæ** Sacc. Maculis amphigenis, subcircularibus, arescendo denigratis, margine saturatiori; peritheciis sparsis, remotis, punctiformibus, 60–70 diam., lenticularibus, pertusis, contextu tenui-parenchymatico, luteo-fusco; spermatiis ellipsoideo-oblongis, 7–9 ✻ 3–3½, utrinque rotundatis, rectis curvulisve, 1-septatis, vix constrictis, hyalinis.

Hab. in foliis Aristolochiæ Clematitis *a Selva*, Sept. 1876.

155. **Ascochyta zeina** Sacc. Maculis longitudinaliter oblongis sanguineis, margine subconcolori; peritheciis gregariis, punctiformibus, lenticularibus, pertusis; contextu laxiuscule parenchymatico, fuligineo; spermatiis oblongo-ellipsoideis, 18–7½, utrinque rotundatis, 1-septatis, leniter constrictis, crasse 2-nucleatis hyalinis.

Hab. in pag. sup. foliorum Zeæ Maydis *a Conegliano* (A. Bérenger).

156. **Ascochyta Philadelphi** Sacc. & Sp. Maculis subcircularibus, arescendo ochraceis; peritheciis punctiformibus, 200 micr. diam., quandoque subconcentrice dispositis, pertusis; spermatiis constricto-didymis, utrinque rotundatis, 8–11 ✻ 4–4½, hyalinis.

Hab. in foliis Philadelphi coronarii *a Conegliano*, Nov. 1876 (Spegazzini).

157. **Ascochyta Ligustri** Sacc. & Sp. Maculis versiformibus, arescendo subochraceis: peritheciis lenticularibus, punctiformibus, 200 micr. diam., olivaceo-fuscis;

spermatiis ovoideis v. oblongo-ellipsoideis, utrinque rotundatis, interdum curvulis, 1-septatis, ad septum leniter constrictis, 8–10 ✶ 2–3, hyalinis.

Hab. in foliis Ligustri vulgaris *a Costa* (Vittorio), Nov. 1876 (Spegazzini).

158. **Ascochyta Plantaginis** Sacc. & Sp. Maculis variis arescendo brunneis; peritheciis gregariis, lenticulari-umbilicatis, 100–150 micr. diam., latiuscule pertusis, laxe celluloso-contextis, olivaceo-fuligineis; spermatiis oblongis v. subellipsoideis, 7–12 ✶ $2^1/_2$–3, utrinque obtusis, sæpe curvulis, 1-septatis, non constrictis, 2-guttulatis, hyalinis.

Hab. in foliis Plantaginis majoris *a Susigana*, Dec. 1876 (Spegazzini).

159. **Ascochyta Paliuri** Sacc. Maculis variis, latis, arescendo fusco-ochraceis, vix marginatis; peritheciis epiphyllis, sparsis, punctiformibus, initio epidermide velatis, lenticularibus, 100 micr. diam., latiuscule pertusis, laxe cellulosis, fuligineis; spermatiis oblongis, utrinque obtuse rotundatis, 7–9 ✶ 3–$3^1/_2$, 1-septatis, leniter constrictis, obsolete guttulatis, hyalinis.

Hab. in foliis Paliuri aculeati *a Selva & Conegliano*, Oct. 1876.

160. **Ascochyta Elaterii** Sacc. Maculis vagis, arescendo pallide argillaceis, fusco-cinctis; peritheciis gregariis velatis, sublenticularibus, 100–110 micr. diam. late pertusis, initio (imperfectis) fulventibus, dein nigricantibus; spermatiis cylindraceo-oblongis, 20–22 ✶ 4, utrinque rotundatis, rectis curvulisve, 1-septatis, non v. vix constrictis, hyalinis.

Hab. in foliis Momordicæ Elaterii in Horto Patavino, Oct. 1876.

161. **Ascochyta Verbasci** Sacc. & Sp. Maculis arescendo sordide ochraceis, vagis, margine concolore; peritheciis sæpius epiphyllis, lenticularibus, diam. micr. 150–200, pertusis, cellulis dilute fuligineis sinuosis contextis; spermatiis ovato-oblongis, 15–18 ✶ 5–$5^1/_2$, constricto-1-septatis, rectis v. leniter curvulis, 4-guttulatis, hyalinis.

Hab. in foliis Verbasci phlomoidis *a Conegliano*, Sept. 1877 (SPEGAZZINI).

162. **Ascochyta sorghina** Sacc. Maculis longitudinaliter oblongis arescendo fuscis, sanguineo-marginatis; peritheciis dense gregariis, globoso-depressis, papillulatis, pro genere majusculis; spermatiis oblongo-ellipsoideis, 20 ∗ 8, 1–septatis, leniter constrictis, minute pluriguttulatis, hyalinis.

Hab. in foliis Sorghi vulgaris *a Selva*, Sept. 1873.

Obs. Ab *A. zeina* peritheciis majoribus, spermatiis pluriguttulatis &c. recedere videtur.

*** Species maculas nullas v. obsoletas efficientes.

163. **Ascochyta Aucubæ** Sacc. & Sp. Maculis nullis; peritheciis gregariis subgloboso-lenticularibus, initio tectis, 250 micr. diam., prominulis, pertusis, contextu parenchymatico fuligineo; spermatiis fusoideo-oblongis, 8–12 ∗ 2–2½, 1–septatis, non v. vix constrictis, nubilose hyalinis.

Hab. in foliis dejectis Aucubæ japonicæ *a Conegliano*, Dec. 1876 (SPEGAZZINI).

164. **Ascochyta Orni** Sacc. & Sp. Maculis nullis v. obsoletis; peritheciis amphigenis, globoso-lenticularibus, 200 micr. diam., pertusis, prominulis; spermatiis ovato-fusoideis, 10–11 ∗ 2–2½, 1–septatis, non v. rarius leniter constrictis, nubliose hyalinis.

Hab. in foliis Fraxini Orni *a Conegliano*, Dec. 1876 (SPEGAZZINI).

165. **Ascochyta Marchantiæ** Sacc. & Sp. Maculis obsoletis; peritheciis punctiformibus, lenticularibus, 90–100 micr. diam., plerumque seriatim digestis, erumpentibus, distincte celluloso-contextis, olivaceo-fuligineis; spermatiis oblongis, 13–15 ∗ 3–4, constricto–1–septatis, loculo altero plerumque paulo crassiore, 2–guttulatis, hyalinis.

Hab. in fronde emortua Marchantiæ *a Conegliano*, Dec. 1876 (SPEGAZZINI).

++ Species chlorosporae.

* Maculas in foliis albas v. griseas efficientes.

166. **Ascochyta pyricola** Sacc. Fungi Ven. Ser. II. 311. Mycoth. Ven. n. 518.

Hab. in pag. sup. foliorum Pyri communis *a Selva*, 1874-76.

Obs. Maculae albo-griseae, nitidae; spermatia oblonga, 1–septata, 10 ⋆ 2, 2–guttulata, olivacea.

167. **Ascochyta Sambuci** Sacc. Mycoth. Ven. n. 986. Maculis vagis arescendo candicantibus; peritheciis parcis, punctiformibus, pertusis; spermatiis fusoideis, 15–18 ⋆ 3–3½, 1–septatis, non constrictis, olivaceis.

Hab. in pag. sup. foliorum Sambuci nigrae *a Selva*, Sept. 1876.

168. **Ascochyta ampelina** Sacc. Maculis vagis angulosis arescendo candicantibus, fusco-marginatis, epiphyllis: peritheciis sparsis punctiformibus lenticularibus, 70 micr. diam., pertusis; spermatiis ex oblongo fusoideis, 10 ⋆ 3, 1–septatis non constrictis, dilute olivaceis (rarissime 12–15 ⋆ 3–3½, 2–3–septatis) – Var. *cladogena:* peritheciis majoribus, 150–200 micr. diam.; spermatiis quoque paulo longioribus, 15 ⋆ 3.

Hab. in foliis Vitis viniferae *a Selva*, Aug. 1874. Var. in ejusdem sarmentis vivis *a Conegliano*, Oct. 1877 (Spegazzini).

169. **Ascochyta Tecomae** Sacc. Maculis indeterminatis candicantibus, cladogenis; peritheciis gregariis punctiformibus globoso-lenticularibus, 90–100 diam. pertusis, initio epidermide velatis, dein erumpentibus; spermatiis breve fusoideis, 8–10 ⋆ 2½–3, rectis curvulisve, 1–septatis, non constrictis dilute olivaceis.

Hab. in ramulis nondum emortuis Tecomae radicantis *a Conegliano*, Majo 1876 (Spegazzini).

170. **Ascochyta populina** Sacc. Maculis variis, angulosis, arescendo candidis, atrocinctis; peritheciis punctiformibus, sparsis; spermatiis cylindraceo-fusoideis, 10–11 ⋆ 1½–2, rectis, 1–septatis, non v. vix constrictis, e hyalino olivaceis.

Hab. in pag. sup. foliorum Populi nigræ *a Selva*, Sept. 1874.

171. **Ascochyta buxina** Sacc. Maculis indeterminatis arescendo expallentibus; peritheciis sparsis, punctiformibus; spermatiis ovato-fusoideis $8 \times 2^1/_2$, 1-septatis, non constrictis, dilute olivaceis.

Hab. in foliis Buxi sempervirentis *a Selva*, Aug. 1874.

172. **Ascochyta cornicola** Sacc. Maculis subcircularibus arescendo dealbatis rufo-cinctis; peritheciis punctiformibus, lenticularibus, 80 micr. diam., pertusis; spermatiis oblongo-ellipsoideis, $7-10 \times 3^1/_2-4$, 1-septatis, non constrictis, dilute olivaceis.

Hab. in foliis Corni sanguineæ *a Selva*, Aug. 1874.

173. **Ascochyta ulmella** Sacc. Maculis hypophyllis arescendo expallentibus, margine concolori; peritheciis sparsis, paucis, punctiformibus, lenticularibus, pertusis; spermatiis breve fusoideis, rectis, $8-10 \times 3$, 1-septatis, non v. vix constrictis, dilute olivaceis.

Hab. in foliis Ulmi campestris *a Selva*, Aug. 1877.

174. **Ascochyta Hellebori** Sacc. Fungi Veneti Ser. II. pag. 310.

Hab. in pag. sup. foliorum Hellebori viridis *a Selva*, Aut. 1873, socio stat. ascoph. *Leptosphæria Lathonia* Sacc.

Obs. Maculæ albicantes, atrolimbatæ; spermatia breve fusoidea, $8 \times 1^3/_4-1$, 1-septata, viridula.

175. **Ascochyta Fragariæ** Sacc. Maculis arescendo dealbatis, atro-sanguineo-marginatis, subcircularibus; peritheciis e globoso lenticularibus 100 micr. diam., latiuscule pertusis; contextu tenui parenchymatico subochraceo, circa porum conspicue incrassato; spermatiis oblongo-fusoideis, rectis, $12-15 \times 3-4$, 1-septatis, non constrictis, dilute olivaceis.

Hab. in pag. sup. foliorum Fragariæ chilænsis *a Selva*, Sept. 1877.

Obs. Affinis *Ascochytæ ampelinæ* Sacc. (n. 168).

176. **Ascoschyta Potentillarum** Sacc. Maculis versiformibus epiphyllis arescendo candicantibus, atro-sanguineo-marginatis; peritheciis punctiformibus, lenticularibus; spermatiis fusoideo-cylindraceis, utrinque obtusiusculis, 10 * 3, 1–septatis, non constrictis, chlorinis.

Hab. in foliis Potentillæ reptantis *a Selva*, Aug. 1874.

177. **Ascochyta Weigeliæ** Sacc. & Sp. Maculis epiphyllis, angulosis, arescendo candicantibus; peritheciis punctiformibus, lenticularibus, 100–150 micr. diam., pertusis, contextu minute parenchymatico, dilute fuligigineo; spermatiis oblongis, 12–14 * 3–4, 1–septatis, subconstrictis, minute 4–guttulatis, chlorinis.

Hab. in foliis Weigeliæ roseæ *a Conegliano*, Oct. 1877 (Spegazzini).

** Maculas ochraceas v. brunneas efficientes.

178. **Ascochyta Tini** Sacc. Maculis vagis arescendo ochraceis, margine subconcolori; peritheciis sparsis, paucis, punctiformibus, lenticularibus 60–70 micr. diam., pertusis, contextu laxe tenui-celluloso, ferrugineo; spermatiis fusoideis, 6–10 * 3, 1–septatis, non v. vix constrictis, dilute olivaceis (rarissime 2–septatis).

Hab. in pag. sup. foliorum Viburni Tini *a Selva*, Aug. 1876.

179. **Ascochyta carpinea** Sacc. Maculis subcircularibus sinuosisve, arescendo ochraceis, margine subconcolori; peritheciis sparsis, raris, punctiformibus, lenticularibus, 100 micr. diam., pertusis; spermatiis oblongo-fusoideis, 10–11 * $2^1/_2$, 1–septatis, non constrictis, dilute olivaceis.

Hab. in pag. sup. foliorum Carpini Betuli *a Covolo*, Aug. 1874.

180. **Ascochyta Lamiorum** Sacc. Maculis versiformibus amphigenis, arescendo dilute ochraceis, margine paulo saturatiore; peritheciis punctiformibus, lenticularibus, 50–70 micr. diam., pertusis; spermatiis bacillari-fusoideis utrinque acutiusculis, 9–11 * 2-$2^3/_4$, 1–septatis, non constrictis, e hyalino chlorinis.

Hab. in foliis Lamii albi *a Selva*, Sept. 1873.

Septoria Fr., Dmz., Sacc. Mycol. Ven. p. 195.

+ Species in plantis dicotyledoneis parasiticæ.

* Arboricolæ.

A. Maculas albas v. griseas efficientes.

§ Foliicolæ.

181. **Septoria Cytisi** Dmz. – M.V. n. 322 – Fungi Ven. Ser. V. 205.

Obs. Spermatia flexuosa, 90–100 ⁎ $3^1/_2$, 6–7–septata, hyalina.

182. **Septoria pyricola** Dmz. – M.V. n. 320 – Fungi Ven. Ser. II. 310.

Obs Spermatia curvula, 60 ⁎ $3^1/_2$, 2–septata, multiguttulata, dilute olivacea.

183. **Septoria Populi** Dmz. – M.V. n. 313 – Mycol. Ven. p. 197.

Obs. Spermatia bacillaria, utrinque obtusiuscula, curvula, 45 ⁎ 3, 1–septata, hyalina.

184. **Septoria candida** (Fckl.?) Sacc. *Depazea candida* Fckl. *Sept. Populi* f. *P. albæ* Mycoth. Ven. n. 540.

Obs. Spermatia bacillaria, 28–30 ⁎ $2^1/_2$, curvula, 3–septata, hyalina. *Dep. candida* in Thm. F.A. n. 1191 sistit *Phyllostictam populeam* Sacc. & *Ascochytam populinam* Sacc.

185. **Septoria oleandrina** Sacc. M.V. n. 533. Fungi Veneti V. 205 et in Rabh. F.E. n. 2158.

Obs. Spermatia inæquilonga, sæpe curvula, quandoque clavulata, 15–25 ⁎ $1^1/_2$–2, obsolete septulata, hyalina.

186. **Septoria salicicola** (Fr.) Sacc. M.V. n. 1017 – *Depazea salicicola* Fr.

Hab. in foliis Salicis cinereæ *a Colfosco*, Sept. 1876.

Obs. Spermatia bacillaria, curvula, 40–50 ⁎ 3, 3–septata, hyalina. A *Sept. Salicis* West, *Sept. salicella* B. et Br. et a *Sept. didyma* Fckl. longe diversa. Ve-

risimiliter huc spectat *S. Capreæ* West. in Kl. Herb. myc. II. n. 566.

187. **Septoria Hoyæ** Sacc. Mycoth. Ven. n. 1016. Maculis forma variis arescendo eburneis, fusco-cinctis; peritheciis lenticularibus, pertusis, diam. 60–70, contextu parenchymatico, fuligineo; spermatiis cylindraceis v. clavulatis, 20–25 * 1–1$^3/_4$, continuis v. obsolete septatis, hyalinis.

Hab. in foliis Hoyæ carnosæ *a Padova* in hortis, Julio 1876.

188. **Septoria Hederæ** Dmz. Sacc. Mycol. Ven. p. 197. — M. V. n. 1010.

Obs. Spermatia flexuosa, 34–40 * 1–2, guttulata, hyalina. — Alia species ab ipso Desmazieres eodem nomine «*Sept. Hederæ*» donata (Notic. XVII p. 23) ab hac statim dignoscitur defectu macularum spermatiisque arcte curvatis, clavulatis 20 lgs. Hæc *Septoria Desmazierii* dici potest. – *Septoria Hederæ* Cooke F. B. n. 34 est *Phyllosticta hedericola.*

189. **Septoria stemmatea** (Fr.) Bk., Sacc. Myc. Ven. p. 197.

Obs. Spermatia nondum reperire licuit, sed nucleum (ascigerum?) immaturum.

190. **Septoria Rubi** (Duby) West., Sacc. Fungi Ven. II. 300 et M. V. n. 538. – *Depazea Rubi* Op., Thüm. F. Austr. n. 1270.

Hab. in foliis Rubi fruticosi, cæsii et idæi in toto agro Veneto.

Obs. Spermatia filiformia, tortuosa, 55 * 1$^1/_2$–2, 3–pluri-septata, hyalina. An huc vere *S. Rubi* West. spectet dubitandum, nam auctor spermatia 10–20 tantum longa describit. *Spilosphæria Ruborum* Rabh. mihi fere ignota est. – *Depazea areolata* in Thüm. Myc. Univ. n. 296 et *Sept. Rubi* B. & C. (Grev. III. p. 8) vix differunt.

191. **Septoria Evonymi** Rabh., Sacc. Mycol Ven. p. 196.

Obs. Spermatia filiformia lenissime curvula, 20–25 * 1$^1/_2$, parce obsoleteque septata, hyalina.

192. **Septoria Rhamni cathartici** Ces., Sacc. Mycol. Ven. 196 et M. V. n. 316.

Obs. Spermatia cylindracea, vehementer curvata, 40–50 ⁎ $1^1/_2$–2, 2–4-septata hyalina. Forma in Rhamno saxatili (Sacc. M. V. n. 546) præbet spermatia cylindraceo-clavulata, 40–50 ⁎ 3, pluriguttulata, hyalina.

193. **Septoria Zizyphi** Sacc. Maculis arescendo albicantibus v. pallide ochraceis, fusco-marginatis, angulosis; peritheciis sparsis lenticularibus, punctiformibus, pertusis; spermatiis filiformibus, 15 ⁎ 1, leviter curvis, hyalinis.

Hab. in pag. super. foliorum Zizyphi vulgaris *a Selva*, Aug. 1873.

194. **Septoria Emeri** Sacc. Maculis arescendo dealbatis, fusco-cinctis, variis; peritheciis paucis punctiformibus, lenticularibus, pertusis; spermatiis filiformibus, utrinque acutatis, curvulis, 20 ⁎ $^3/_4$, continuis, hyalinis.

Hab. in foliis Coronillæ Emeri in sylva *Montello*, Sept. 1873.

195. **Septoria Grossulariæ** (Lib. sub *Ascochyta*) West. Sacc. Fungi Ven. V. 207.

Obs. Spermatia bacillaria, curvula, 12–16 ⁎ 1, minute 6–7-guttulata, hyalina. Perithecia poro amplo pertusa.

196. **Septoria Hibisci** Sacc. Maculis arescendo dealbatis, fusco-cinctis, subcircularibus, irregularibusque; peritheciis punctiformibus, lenticularibus 50–60 micr. diam., poro latiusculo pertusis; spermatiis bacillaribus leniter curvatis, 15–20 ⁎ 2–$2^1/_4$, continuis, hyalinis.

Hab. in pag. sup. foliorum Hibisci syriaci *a Vittorio*, Oct. 1874, raro.

197. **Septoria Citri** Pass. in Mycoth. Univ. n. 495 et Fung. Europ. n. 2257.

Hab. in foliis languentibus dejectisve Citri, Patavii, Aut. 1876. — E *Pommiers* (*Rhône*) misit M. Gandoger.

Obs. Maculæ obsolete expallantes fusco-cinctæ, versiformes. Perithecia gregaria, punctiformia, 80–100 micr. diam. Spermatia bacillaria, inæqualia, curvula, 15 ⁎ $1^1/_2$–2 obsolete guttulata, hyalina.

198. **Septoria Viburni** West., Cooke Hndb. p. 446, Sacc. Mycol. Ven. p. 197.

Obs. Spermatia cylindracea, utrinque obtusa, 5–7 guttulata, hyalina.

199. **Septoria quercina** Dmz. Not. XIV. p. 25 (1847).

Hab. in foliis Quercus pedunculatæ in sylva *Montello* et *a Conegliano*, Aut. 1876.

Obs. Spermatia filiformia, curvula, $40 \times 1\frac{1}{2}-2$, pluriguttulata, hyalina.

200. **Septoria quercicola** Dmz. Not, XXI. (ut var. *S. inconditæ*), Kx. Fland I. 422.

Hab. in foliis Quercus pedunculatæ *a Susigana,* Oct. 1876 (Spegazzini).

Obs. Maculæ variæ, arescendo candicantes. Spermatia cylindracea, curvula, utrinque rotundata, $25-30 \times 3-4$, 3–septata, non constricta, hyalina. Spermatia *Sept. inconditæ* (= *S. castanicolæ* Dmz.), sed maculæ diversæ.

§§ Ramulicolæ

201. **Septoria Caprifolii** Sacc. Maculis indeterminatis, expallentibus, cladogenis: peritheciis punctiformibus, initio epidermide velatis; spermatiis filiformibus utrinque attenuatis, $35 \times 1\frac{3}{4}$, obsolete septatis, hyalinis.

Hab. in sarmentis nondum emortuis Loniceræ Caprifolii in sylva *Montello,* Apr. 1874.

202. **Septoria imperialis** Sacc. Maculis cladogenis, oblongis, expallentibus; peritheciis gregariis, punctiformibus, sublenticularibus, e globoso depressis, 30 diam., ostiolo lato pertusis, contextu parenchymatico fuligineo; spermatiis cylindraceis utrinque acutiusculis, curvatis, $16-18 \times 2$, continuis, hyalinis.

Hab. in ramulis Paulowniæ imperialis a *Conegliano,* Junio 1876.

203. **Septoria? persica** Sacc. M. V. n. 1097. Maculis nullis v. expallentibus indeterminatis, cladogenis; peritheciis oblongo-lenticularibus inæqualibus, gregariis, tectis dein prominulis, minutis, atris, pertusis, hyphis filiformibus conidiophoris cinctis; conidiis in hypharum apice acrogenis ovoideis, 10×4, 2–guttulatis, hyalinis; spermatiis fusoideis, sæpe curvulis 1– (rarius 2–3–) septatis, ad septa constrictis, $13-18 \times 2-2\frac{1}{2}$, hyalinis.

Hab. in ramulis junioribus (quos enecat?) Persicæ vulgaris *a Padova,* Majo 1876.

Obs. Hyphis conidiophoris extantibus, an status *Capnodii Persicæ* Turp.?

204. **Septoria phomatoides** Sacc. Maculis expallentibus, indeterminatis, cladogenis; peritheciis hinc inde gregariis, subtectis, e globoso lenticularibus, 100 micr. diam., pertusis; spermatiis bacillaribus rectis curvulisve, utrinque obtusis, 15–25 ≈ 1–$1^1/_2$, pluriguttulatis hyalinis.

Hab. in ramulis Genistæ tinctoriæ in sylva *Montello*, Sept. 1876.

205. **Septoria pithyophila** Sacc, Maculis albicantibus v. obsoletis; peritheciis sparsis minutissimis erumpenti-superficialibus e globoso angulosis, atronitidis, denique collapsis; spermatiis bacillari-fusoideis, falcatis, 30 ≈ 3–4, pluriguttulatis, hyalinis, sterigmatibus filiformibus, 30 ≈ 1, fultis.

Hab. in cortice ramorum Abietis *a Conegliano*, Apr. 1876 (Spegazzini).

B. Species maculas ochraceas, fuscas v. rufas efficientes.

206. **Septoria Mori** Lév., Sacc., M.V. n. 319 et Mycol. Ven. p. 209.

Obs. Spermatia cylindrica, curvula, sursum attenuata utrinque obtusiuscula, 40–50 ≈ 4, 3–septata guttulataque hyalina, basidiis brevibus variis fulta. Ad *Fusarium* quoque vergit, quod jam monuit cl. A. Bèrenger.

207. **Septoria moricola** Pass. in Thüm. Mycoth. Univ. n. 394.

Hab. in foliis Mori albæ Patavii, *in Cadore* &c., Aut. 1874–76.

Obs. An sit forma hypophylla sparsa *Sept. Mori* Lév. valde dubito; fructificatio certe eadem in utraque forma.

208. **Septoria Ulmi** Fr., Sacc. Mycol. Ven. 144 et M. V. n. 545.

Obs. Spermatia botuliformia, 55 ≈ 6, initio guttulata, dein 4–septata.

209. **Septoria castanicola** Dmz., Sacc. Mycol. Ven. 95 et M. V. n. 312.

Obs. Spermatia cylindracea, utrinque obtusiuscula,

curvula, 30–40 * $4^1/_2$, 3–septata, hyalina, in cirrhos sordidos protrusa. Perithecia pertusa, 60–70 micr. diam.

210. **Septoria Æsculi** (Lib.) West., Kx. Fl. I. 431.

Hab. in foliis Æsculi in toto agro Veneto, Aut. 1877.

Obs. Maculæ variæ, arescendo rufescentes; spermatia bacillari-fusoidea, curvula, 50–60 * 3-$3^1/_2$, utrinque obtusiuscula, 3–4–septata, hyalina. *Sept. Hippocastani* B. & Br., Cooke Hndb. p. 443 huc quoque verisimiliter spectat.

211. **Septoria Oxyacanthæ** Kze., Sacc. Mycol. Ven. p. 196 et M. V. n. 536.

Obs. Spermatia bacillaria, deorsum subincrassata, 70–80 * 6–8, initio granulosa, dein 6–8–septata, hyalina.

212. **Septoria Rosæ** Dmz., Sacc. M. V. n. 1018.

Hab. in foliis Rosæ caninæ in sylva *Montello,* Sept. 1876.

Obs. Maculæ fuscæ, flavo-rubro-cinctæ; spermatia aciculari-clavulata, 70–90 * $3^1/_2$–4, nubilosa, hyalina.

213. **Septoria Rosæ arvensis** Sacc. M. V. n. 1019.

Hab. in foliis Rosæ arvensis in sylva *Montello,* Sept. 1876.

Obs. Maculæ pallidiores, fusco-cinctæ; spermatia acicularia, 50–60 * $2^1/_2$–3, obsolete 4–5–septata, hyalina. Affinis præcedenti; an differentiæ ex ætate?

214. **Septoria Calycanthi** Sacc. & Sp. Maculis arescendo subochraceis; peritheciis punctiformibus, dense gregariis, quandoque subconcentrice digestis, amphigenis, 100–150 micr. diam.; spermatiis cylindraceis, utrinque leniter attenuatis, 15–25 * $1^1/_2$–$2^1/_1$, medio 1–septatis raroque subconstrictis, rectis curvulisve, hyalinis.

Hab. in foliis languentibus Calycanthi floridi a *Conegliano,* Dec. 1876 (Spegazzini).

215. **Septoria Syringæ** Sacc. & Sp. Maculis amphigenis versiformibus, dilute ochraceo-lutescentibus, saturatius marginatis; peritheciis sparsis punctiformibus, lenticularibus 100–120 micr. diam., latiuscule pertusis, contextu laxe parenchymatico subochraceo; spermatis cylindraceo-bacillaribus, 14–18 * $2^1/_2$, utrinque rotundatis, rectis curvulisve, obsolete 1–septatis, hyalinis.

Hab. in foliis Syringæ vulgaris *a Conegliano,* Oct. 1877 (SPEGAZZINI).

Obs. Forte huc spectat *Sept. Syringæ* West. « Les Crypt. d'après leurs stations » pag. 68 (nomen), sed diagnosim v. exemplar nullibi reperire potui.

216. **Septoria Leycesteriæ** Sacc. & Sp. Maculis subcircularibus sinuosisque, ochraceis, brunneo-cinctis; peritheciis laxe gregariis, amphigenis, punctiformibus, lenticularibus 100–200 micr. diam. pertusis, contextu tenui-membranaceo, celluloso, dilute olivaceo; spermatiis cylindraceis, curvulis, 25–30 ⁎ 3–4, 1–septatis, quandoque constrictis, obsolete 2–4–guttulatis, hyalinis.

Hab. in foliis Leycesteriæ formosæ *a Conegliano,* Oct. 1877 (SPEGAZZINI).

217. **Septoria Alni** Sacc. Maculis subcircularibus, arescendo ochraceis, epiphyllis; peritheciis sparsis, punctiformibus; spermatiis bacillaribus, subclavulatisve, 30–35 ⁎ $1^1/_2$–$2^1/_2$, remote guttulatis, hyalinis.

Hab. in foliis languidis Alni glutinosæ *a Conegliano,* Junio 1876 (SPEGAZZINI).

218. **Septoria Betulæ** (Lib.) West., *Ascochyta Betulæ* Lib.

Hab. in foliis Betulæ albæ *a Conegliano,* Oct. 1876. (SPEGAZZINI).

Obs. Maculæ amphigenæ, subcirculares, minutæ, pallide ochraceæ; spermatia bacillaria, curvula, 30–34 ⁎ $1^1/_2$, utrinque obtusiuscula, hyalina.

219. **Septoria Mespili** Sacc. Maculis arescendo subochraceis, rufocinctis, variis; peritheciis punctiformibus; spermatiis bacillaribus curvulis, 30–35 ⁎ 1, continuis, hyalinis.

Hab. in pag. sup. foliorum Mespili germanicæ *a Cusignana* (Treviso), Aug. 1876, socia *Phyllosticta Mespili* Sacc.

220. **Septoria Orni** Pass. in Myc. Univ. n. 395. — *Sept. Fraxini* f. *Orni* Sacc. M. V. n. 532.

Obs. Maculæ epiphyllæ fusco-ochraceæ. Spermatia filiformia curvula v. flexuosa, sæpius clavulata, 25–30 ⁎ $1^1/_2$, remote et obsolete guttulato-septulata, hyalina.

221. **Septoria Berberidis** Niessl. – Sacc. M.V. n. 1015. Maculis arescendo fuscidulis, zona atropurpurea cinctis, subcircularibus, epiphyllis; peritheciis aggregatis e globoso lenticularibus, poro pertusis; spermatiis filiformi-clavatis, hinc acutis, illinc obtusis, 45 ✶ $2^1/_2$, pluri-guttulatis, hyalinis.

Hab. in foliis Berberidis vulgaris *a Conegliano,* Jun. 1876 (Spegazzini).

222. **Septoria Cratægi** Kx., Sacc. M. V. n. 537, et Fungi Veneti Ser. V. 206.

Obs. Spermatia filiformia, acicularia curvula, 60 ✶ $1^1/_2$, obsolete septata, hyalina.

223. **Septoria ascochytoides** Sacc. Maculis subcircularibus, oblongisve, arescendo dilute ochraceo-fulvescentibus, atrosanguineo-marginatis: peritheciis epiphyllis gregariis, lenticularibus, punctiformibus, distincte pertusis, ochraceis; spermatiis cylindraceis v. subfusoideis, 18–20 ✶ $2^1/_2$–3, 1–septatis, ad septum leniter constrictis, utrinque obtusiusculis, minute 4–guttulatis, hyalinis.

Hab. in foliis Spirææ decumbentis *a Covolo,* Aug. 1874.

224. **Septoria cornicola** DC.) Kickx, Sacc. M. V. n. 314. *S. Corni* Niessl.

Obs. Spermatia cylindracea, curvula, 35–40 ✶ 2–$2^1/_2$, obsolete 2–4–septata, hyalina.

225. **Septoria Corni maris** Sacc. Maculis amplis, irregularibus, sæpe marginalibus, fuscis, zona saturatiore cinctis; peritheciis punctiformibus, lenticularibus pertusis; spermatiis bacillaribus, curvulis 15–30 ✶ $1^3/_4$–3, utrinque obtusis, initio pluriguttulatis, dein 3–4–septatis, hyalinis, in cirrhos albidos protrusis.

Hab. in pag. sup. foliorum Corni maris *a Colfosco,* Sept. 1876.

226. **Septoria argyræa** Sacc. Fungi novi Magnusiani p. 127, n. 32.

Obs. Spermatia filiformia, recta v. tortuosa, utrinque obtusiuscula, 20–30 ✶ $2^1/_2$–3, continua, hyalina, dein in cirrhos carneos protrusa.

227. **Septoria elæospora** Sacc. Maculis vagis arescendo

ochraceis v. brunneis margine saturatiore cinctis; peritheciis epiphyllis, sparsis, innato-prominulis, punctiformibus, lenticularibus, 100 micr. diam. pertusis, laxe cellulosis, ochraceo-fuligineis; spermatiis bacillari-fusoideis, rectis v. leniter curvulis, 25 ✶ 3, utrinque obtusiusculis, 3- (raro 4-) septatis e hyalino olivaceis.

Hab. in pag. super. foliorum Fraxini Orni *a Selva*, Sept. 1877.

Obs. A *Sept. Orni* Pass. et *S. Fraxini* Fr. rite diversa.

C. Species maculas nullas v. obsoletas efficientes.

228. **Septoria alnigena** Sacc. Maculis nullis; peritheciis punctiformibus hinc inde densiuscule congregatis, lenticularibus, atris; spermatiis breve filiformibus, curvulis, utrinque acutiusculis, 20 ✶ $^3/_1$, continuis hyalinis.

Hab. in pag. sup. foliorum vigentium Alni glutinosæ *a Vittorio*. Oct. 1873.

Obs. A *Sept. alnicola* Cooke Hndb. p. 451 spermatiis filiformibus nec oblongis distinguenda – *Sep. alnicola* in Thüm. M.U. n. 693 aptius ad *S. Alni* Sacc. pertinere videtur.

229. **Septoria? Celtidis** Sacc. Mycoth. Ven. n. 552 et Fungi Ven. Ser. V. 204.

Obs. Spermatia cylindraceo-clavulata, curvula, 40 ✶ 3, 3–5–septata, guttulataque e hyalino fuscidula, parca.

230. **Septoria hyalospora** (M. & Ces.) Sacc. Fungi Ven. V. 204 et M.V. n. 551. *Cryptosporium hyalosporum* M. & Ces. in Syll. 273.

Obs. Spermatia cylindracea, curvata 30 ✶ $3^1/_2$, 1-septata, hyalina.

231. **Septoria Catalpæ** Sacc. Maculis nullis v. obsoletis; peritheciis punctiformibus, hinc inde maculiformiter dense congregatis, lenticularibus, 60–70 micr. diam., atris, pertusis; spermatiis bacillaribus, 10–15 ✶ $1^1/_2$, curvulis, utrinque obtusiusculis, continuis, eguttulatis, hyalinis.

Hab. in capsulis Catalpæ syringifoliæ *a Conegliano*, Apr. 1876. (Spegazzini).

232. **Septoria Bumeliæ** Sacc. Maculis nullis v. obsoletis; peritheciis plerumque hypophyllis, hinc inde maculiformiter dense congregatis, globoso-lenticularibus, prominulis 70–100 micr. diam., pertusis; spermatiis fusoideo-bacillaribus, 10–15 ✻ $1\frac{1}{4}$–2, rectis curvulisve, 2-nucleatis (simulate 1-septatis) hyalinis.

Hab. in foliis languidis Bumeliæ lycioidis in Horto Patavino, vere 1875.

Obs. Ad genus *Ascochytam* nutat.

233. **Septoria rhamnigena** Sacc. Maculis nullis; peritheciis hypophyllis, hinc inde dense gregariis, punctiformibus, prominulis, nigris; contextu parenchymatico fuligineo; spermatiis bacillaribus, 20–25 ✻ $1\frac{1}{2}$–2, utrinque rotundatis, curvulis, obsolete guttulatis, hyalinis.

Hab. in foliis Rhamni cathartici *a Conegliano*, Oct. 1876 (Spegazzini).

Obs. A *Sept. Rahmni cathartici* Ces. longe diversa.

** Herbicolæ.

A. Maculas albas v. griseas efficientes.

234. **Septoria Convolvuli** Dmz., Sacc. Mycol. Ven. 196. M.V. n. 315 et 1008.

Obs. In forma C. arvensis spermatia 35–50 ✻ 1–$1\frac{1}{2}$, acicularia minutissime 5–6–guttulata, v. septulata hyalina; in forma Calystegiæ (*Sept. Calystegiæ* Sacc. Mycol. Ven. p. 196 et M.V. n. 315 *non* West.) spermatia 35–40 ✻ 1–$1\frac{1}{2}$, continua, hyalina, utrinque obtusiuscula.

235. **Septoria Sii** Dmz., Sacc. Mycol. Ven. p. 196.

Obs. Duas formas observavi: *foliicolam* spermatiis filiformibus, curvulis, 30 ✻ $1\frac{1}{2}$, continuis, eguttulatis; et *caulicolam* peritheciis perfectioribus, spermatiis 40 ✻ 2, 7–8–guttulatis. Species Desmazierii (Not. XXI p. 8) in Sio latifolio, potius congruit cum mea forma caulicola.

236. **Septoria Lamii** (Dmz. ut var. *S. heterochroæ*) Sacc. M.V n. 544.

Obs. Maculæ tandem albicantes rufo-marginatæ;

spermatia filiformia tortuosa, 50 ✶ 1, distincte 3–5–septata, hyalina. A *S. heterochroa* Dmz. typica differt spermatiis duplo triplove longioribus atque distincte septatis.

237. **Septoria Dulcamaræ** Dmz., Sacc. Mycol. Ven. p. 196 et M.V. Cent. XII.

Obs. Spermatia filiformia, curvula, 50–60 ✶ $1^3/_4$. 3–4–septata, hyalina. Maculæ foliorum diu fuscæ, tandem expallescunt.

238. **Septoria Astragali** Dmz., Sacc. Mycol. Ven. 196 et M.V. n. 1005.

Obs. Spermatia filiformia, tortuosa, prælonga, 120 ✶ 3, 9–10–septata, hyalina. Affinis *Septoriæ Cytisi* Dmz.

239. **Septoria Chelidonii** Dmz., Sacc. Mycoth. Ven. n. 539 et Fungi Ven. Ser. V. 206.

Obs. Spermatia filiformi-bacillaria, 20–30 ✶ $1^1/_2$, curvula, continua, hyalina.

240. **Septoria Hepaticæ** Dmz., Sacc. Mycol. Ven. 196 – (Lecta quoque *a Conegliano* a Spegazzini).

Obs. Spermatia filiformia flexuosa, subcontinua, 25–30 ✶ $^3/_4$, guttulata, hyalina.

241. **Septoria scabiosicola** Dmz., Sacc. Mycol. Ven. 195 et M.V. n. 534-535.

Obs. Spermatia filiformia, rectiuscula, 50 ✶ $^3/_4$–1, parce et obsolete septata, hyalina.

242. **Septoria Tormentillæ** West., Sacc. Mycol. Ven. 197 et M.V. n. 549 p. p. (forma *Potentillæ reptantis*). *S. sparsa* Sacc. Myc. Ven. 195, an Fckl.

Obs. Spermatia filiformia, tenuissime flexuosa, continua, hyalina.

243. **Septoria Vincetoxici** (Schub.) Awd., Sacc. M.V. n. 541 et F. V. Ser. V. p. 206.

Obs. Spermatia filiformia, tortuosa, 30–50 ✶ 1–$1^1/_2$, continua, hyalina.

244. **Septoria Senecionis** West., Sacc. Mycol. Ven. p. 197, M.V. n. 318.

Obs. Spermatia filiformia, tortuosa, 40 ✶ $1^1/_2$, obsolete 3–4–septata, hyalina.

245. **Septoria Asari** Sacc. Maculis epiphyllis e rotundo

angulosis arescendo dealbatis, nigro-cinctis; peritheciis parcis punctiformibus atris; spermatiis cylindraceo-fusoideis, 14–1³/₄, lenissime curvis, continuis v. 1–septatis, hyalinis.

Hab. in foliis Asari europæi in sylva *Montello*, Aug. 1873.

Obs. Spermatia breviuscula; a genere ergo paululum desciscit.

246. **Septoria bellidicola** Rob. et Dmz. Not. XXI. p. 7. *Hab.* in pagina superiore foliorum Bellidis perennis *a Conegliano*, Oct. 1876 (SPEGAZZINI).

Obs. Maculæ albæ rufo-marginatæ. Spermatia filiformia, obsolete septulata, 80–100 ⁎ 2–2½, hyalina.

247. **Septoria Mellitidis** Sacc. & Sp. Maculis vagis arescendo dealbatis, fuligineo-cinctis; peritheciis epiphyllis, punctiformibus, subprominulis, pertusis; spermatiis cylindraceo-bacillaribus, rectiusculis, 20–30 ⁎ 2, distincte 3–septatis, hyalinis.

Hab. in foliis Mellitidis Melissophylli *a Conegliano*, Oct. 1876 (SPEGAZZINI).

248. **Septoria Stellariæ** Rob. et Dmz. Not. XIV. p. 22. *Hab.* in foliis languidis Stellariæ mediæ Patavii, Nov. 1876 (G. BIZZOZERO).

Obs. Spermatia bacillaria curvula, 50–60 ⁎ 1, indistincte septulata, hyalina.

249. **Septoria Petroselini** Dmz., Ex Flandr. I. 424. Sacc. M.V. n. 543 et Fungi Veneti Ser. V. 206.

Hab. in foliis Petroselini sativi *a Selva, Padova*, etc. Aut. 1875-76.

Obs. Spermatia filiformia, rectiuscula, 40 ⁎ 2, pluriguttulata, hyalina.

250. **Septoria Verbenæ** Rob. & Dmz. Ann. Sc. nat. 1847. VIII. 22, Sacc. M.V. n. 1004.

Hab. in foliis Verbenæ officinalis languidis *a Susigana* (Treviso), Sept. 1876 (SPEGAZZINI).

Obs. Spermatia bacillaria, rectiuscula v. tortuosa, 35–40 ⁎ 1½, minute guttulata, hyalina.

251. **Septoria Globulariæ** Sacc. M.V. n. 1020. Maculis arescendo griseo-albicantibus, subcircularibus, epiphyllis;

peritheciis parcis, lenticularibus, 50–60 micr. diam., pertusis, dein subsuperficialibus; spermatiis filiformibus, 20–24 ∗ $^3/_4$–1, rectis curvulisve, obsolete guttulatis, hyalinis.

Hab. in foliis Globulariæ vulgaris *a Conegliano*, Aug. 1876 (SPEGAZZINI).

252. **Septoria Clematidis rectæ** Sacc. M.V. n. 321 et Fungi Ven. V. 205.

Obs. Spermatia crassiuscule vermicularia, 38–40 ∗ 3–3$^1/_2$, 3-septata, hyalina.

253. **Septoria Cucurbitacearum** Sacc. M.V. n. 317 et Fungi Ven. V. 205.

Obs. Spermatia anguste vermicularia, tortuosa, 60–70 ∗ 1, septulata, hyalina.

254. **Septoria Bidentis** Sacc. M.V. n. 311 et Fungi Veneti V. 205.

Obs. Spermatia vermicularia 30–35 ∗ 1–1$^1/_2$, indistincte septulata, hyalina. An huc spectet *Depazea Bidentis* Lasch in Kl. Herb. M. n. 871, ignoro.

255. **Septoria Polygonorum** Dmz., Sacc. M.V. n. 310 et 542 et Fungi Veneti Ser. V. 205. (Lecta forma simillima in Polygono Bistorta in Horto Patavino).

Obs. Spermatia filiformia 25 ∗ 1, leniter flexuosa, 4–5–guttulata, hyalina.

256. **Septoria Eupatorii** Rob. & Dmz., Sacc. M.V. n. 553 et Fungi Ven. V. 205.

Obs. Spermatia filiformia, 25–35 ∗ 1$^1/_2$, obsolete guttulata, hyalina.

257. **Septoria Violæ** West., Ex Flandr. I. 434, Sacc. Myc. Ven. 196.

Obs. Spermatia filiformia recta v. flexuosa, obsolete guttulata, hyalina.

258. **Septoria Chenopodii** West. Fl. Bat. 103, Sacc Myc. Ven. p. 196.

Obs. Spermatia cylindrica recta v. curvula utrinque obtusa, 6–10–guttulata, hyalina.

259. **Septoria Sonchi** Sacc. Maculis oblongis viridi-griseis, obsoletis, cladogenis, rarius hypo– et epiphyllis: peritheciis remotiuscule gregariis, lenticularibus innato-pro-

minulis, 110 micr. diam., late pertusis; contextu laxiuscule cellulari, subochraceo; spermatiis cylindraceo-bacillaribus, sæpe flexuosis, utrinque obtusiusculis, 20–24 ⨯ $1\frac{1}{2}$–2, minute pluriguttulatis, hyalinis.

Hab. in caulibus foliisque nondum emortuis Sonchi oleracei *a Conegliano*, Aug. (Spegazzini).

Obs. A *Septoria nebulosa* var. *minore* Dmz. XXI. Not. p. 6 differt præcipue peritheciis majoribus, remotioribus, melleis nec nigris.

260. **Septoria Phlocis** Sacc. & Sp. Maculis subcircularibus minutis albis, late fuligineo-rufo-marginatis; peritheciis sparsis paucis, punctiformibus, lenticularibus, 150–200 micr. diam., pertusis, laxe ochraceo-parenchymaticis; spermatiis, bacillaribus, flexuosis, 40–60 ⨯ 1–2, tenuiter 1–3-septatis, hyalinis.

Hab. in foliis Phlocis paniculatæ *a Conegliano*, Oct. 1877 (Spegazzini).

261. **Septoria Teucrii** Sacc. Maculis subcircularibus, parvis, arescendo candicantibus, fusco marginatis; peritheciis epiphyllis, lenticularibus, punctiformibus, 90 micr. diam., pertusis; spermatiis bacillaribus, curvulis, utrinque obtusiusculis, 35 ⨯ 2, obsolete pluriguttulatis, hyalinis.

Hab. in foliis Teucrii Chamædryos *a Conegliano*, æst. 1876 (Spegazzini).

262. **Septoria Lapparum** Sacc. Maculis epiphyllis e circulari angulosis, minutis, initio fuligineis, tandem candicantibus; peritheciis sparsis, lenticularibus, 80–100 micr. diam., punctiformibus, pertusis; spermatiis bacillaribus, curvatis, 25 ⨯ 1–$1\frac{1}{4}$, continuis, hyalinis.

Hab. in foliis Lappæ minoris *a Selva*, Sept. 1875.

263. **Septoria Phyteumatis** Siegm. in Rabh. F. E. n. 1350 (non vidi).

Hab. in foliis Phyteumatum *in Cadore*, æstate 1874 (S. Venzo).

Obs. Maculæ versiformes, arescendo expallentes, fusco-marginatæ. Perithecia sparsa punctiformia. Spermatia filiformia, rectiuscula v. flexuosa, 15–20 ⨯ $\frac{3}{4}$, continua, hyalina.

264. **Septoria ægopodina** Sacc. Maculis epiphyllis, minutissimis, angulosis arescendo dealbatis, rufo-marginatis; peritheciis sparsis punctiformibus, lenticularibus, 70 micr. diam., pertusis; spermatiis filiformibus, exilibus, $25 \times 1^1/_4$, leniter curvis, minute pluri-guttulatis, hyalinis.

Hab. in foliis Ægopodii Podagrariæ in sylva *Montello*, Sept. 1875-77.

Obs. Cum *Septoria Podagrariæ* Lasch (= *S. Ægopodii* Dmz.) nec non cum ejus varietate β *Rabenhorstii* Kx. Flandr. I. 427 hæc species nil commune habet.

B. Species maculas ochraceas, fuscas v. rufas efficientes.

265. **Septoria Capparidis** Sacc. Maculis amphigenis e circulari angulosis arescendo pallide ochraceis, quandoque elevatis; peritheciis gregariis punctiformibus, atris, globoso-lenticularibus 40–50 micr. diam. poro obsoleto; spermatiis filiformi-bacillaribus, $15–20 \times 1–1^1/_2$, fasciculatis, rectis, curvulis v. tortuosis, sæpe minute guttulatis, hyalinis.

Hab. in foliis Capparidis rupestris una cum *Cystopo Capparidis*, *a Montorio* (Verona), Oct. 1876 (A. Goiran).

266. **Septoria Gratiolæ** Sacc. & Sp. Maculis versiformibus, arescendo fulventibus, margine concolori; peritheciis epiphyllis punctiformibus, lenticularibus, prominulis, 80–100 micr. diam., pertusis; contextu parenchymatico-sinuoso, circa ostiolum densiore; spermatiis bacillaribus, curvulis, $20–22 \times 1$, obsolete guttulatis, hyalinis.

Hab. in foliis Gratiolæ officinalis *a Conegliano*, Oct. 1877 (Spegazzini).

267. **Septoria Epilobii** West., Cooke Hndb. p. 448. Sacc. Myc. Ven. pag. 195.

Obs. Spermatia filiformia, curvula, $50 \times 1^1/_2$, parce obsoleteque septata, hyalina.

268. **Septoria sepium** Dmz. XXI Not. (1853) pag. 4.

Hab. in foliis Convolvuli arvensis *a Padova*, Iunio 1876.

Obs. I. Maculae parvae subrotundae, brunneae, leniter elevatae, stroma quodam fere simulantes; spermatia cylindracea curvula, 30–35 ⁎ 4, utrinque rotundatae, 3–5–septata, pluriguttulata, hyalina.

Obs. II. Verisimillime huc quoque spectat *Septoria Calystegiæ* West (1851) seu *Polystigma Calystegiæ* Kx, quod est *Polystigma pertusarioides* Dmz. – *Septoria Calystegiæ* Sacc. M.V. n. 315, ut jam monui, ad *Sept. Convolvuli* Dmz. pertinet.

269. **Septoria Œnotheræ** (Lasch) West., Sacc. M. V. n. 309 — *Depazea Œnotheræ* Lasch, Sacc. Mycol. Ven. pag. 192.

Obs. Spermatia filiformia, curvula, 40 ⁎ $1^1/_2$, minute pluriguttulata, hyalina.

270. **Septoria Lysimachiæ** West., Cooke Hndb. p. 450. Myc. Ven. p. 197.

Obs. Spermatia filiformia, lenissime curvula, 50 ⁎ $1^1/_2$, 4–6–septata hyalina.

271. **Septoria Ebuli** Rob. et Dmz. Sacc. M. V. n. 1013. *Ascochyta Ebuli* Fckl., Sacc. Mycol. Ven. p. 194.

Obs. Spermatia filiformia, lenissime curvula, 35–40 ⁎ $1^1/_4$–$1^1/_2$, obsolete guttulata, hyalina.

272. **Septoria Clematidis** Rob. et Dmz., Sacc. Mycol. Ven. 196., M. V. n. 1011.

Obs. Maculæ griseo-fuscæ; spermatia bacillaria, 70–80 ⁎ 4, utrinque obtusiuscula, quandoque subclavulata, leniter curva, 4–6–septata, hyalina. — *Sept. Clematidis* Cooke F. B. n. 33 est potius *Phyllosticta*.

273. **Septoria Virgaureæ** Dmz., Sacc. M. V. n. 1006 et Fungi Ven. Ser. V. 207. *Ascochyta Virgaureæ* Lib.

Obs. Spermatia filiformia, curvula, utrinque obtusiuscula. 80 ⁎ $1^1/_2$, obsolete guttulata, continua, hyalina.

274. **Septoria Saponariæ** (DC.) Savi & Becc. Erb. cr. ital. n. 882. Sacc. M. V. n. 223 et Fungi Ven. Ser. V. 205. *Septoria Dianthi β Saponariæ* Dmz., *Spilosphæria* Rabh., *Depazea Saponariæ* DC.

Obs. Spermatia cylindracea, curvula, 40 ⁎ $3^1/_2$, utrinque obtusa, 4–5–nucleata, hyalina.

275. **Septoria Dianthi** Desm., Kx. Flandr. I. 422.

Hab. in foliis Dianthi barbati in sylva *Montello*, Sept. 1877.

Obs. Spermatia bacillaria, flexuosa, 35–45 ⁎ 4, utrinque obtusa, hyalina.

276. **Septoria Lychnidis** (Lasch) Dmz., Kl. Herb. Myc. 1863, Sacc. Myc. Ven. p. 196.

Obs. Perithecia globoso-lenticularia, late pertusa; spermatia cylindrico-bacillaria, utrinque obtusiuscula, 40–60 ⁎ $2^1/_2$–3, curvula, 5–6–septata, hyalina.

277 **Septoria Gei** Rob. & Dmz., Sacc. Fungi Ven. Ser. V. 207.

Obs. Spermatia filiformia utrinque acuta, 30 ⁎ $1^1/_2$, continua, hyalina; maculæ subcirculares, ochracæ, fusco-marginatæ.

278. **Septoria orobina** Sacc. Maculis irregularibus arescendo subochraceis, atrocinctis; peritheciis remotis, punctiformibus, lenticularibus poro pertusis; spermatiis filiformibus, flexuosis, 30 ⁎ $^3/_4$, eguttulatis, hyalinis.

* **S. orobicola** Maculis et peritheciis similibus; spermatiis bacillaribus, 60–70 ⁎ 2–3, rectiusculis, utrinque obtusis, obsolete septulatis, hyalinis.

Hab. in foliis Orobi verni in sylva *Montello*, Sept. 1874 — Subspecies *a Conegliano*, Majo 1876 (Spegazzini).

Obs. *Septoria Orobi* Pass. in Rabh. F. E. n. 2256 (Aprili 1877) ad *Ascochytam Orobi* Sacc. M.V. n. 987 (Ian. 1877) pertinet.

279. **Septoria Armoraciæ** Sacc. Maculis irregularibus, arescendo ochraceis; peritheciis punctiformibus, in centro maculæ aggregatis, diam. 60 micr., poro pertusis; spermatiis bacillaribus, curvulis, 15–20 ⁎ 2–$2^1/_2$, utrinque obtusiusculis, 1–3–septatis, minuteque guttulatis, hyalinis.

Hab. in foliis Armoraciæ rusticanæ *a Selva*, Sept. 1874.

Obs. *Ascochyta Armoraciæ* Fckl. Symb. 289 huc

forte spectat, sed ibi spermatia indescripta. Quo pertineat *Depazea vagans* f. *Armoraciæ* Rbh. Myc. 867 ignoro. *Ascochyta Armoraciæ* Cooke F. B. n. 32 est vera *Phyllosticta*.

280. **Septoria Pastinacæ** West., Sacc. Fungi Ven. Ser. V. 207.

Obs. Perithecia lenticularia 40 micr. diam., poro latiusculo pertusa; spermatia bacillaria curvula, 20 ✶ $^3/_1$, continua, hyalina.

281. **Septoria Humuli** West., Kx. Flandr. I. 433, Sacc. M. V. n. 1001.

Hab. in foliis Humuli Lupuli *a Conegliano*, Iunio 1876 (Spegazzini).

Obs. Perithecia lentiformia 50–60 micr. diam.; spermatia filiformia, leniter flexuosa 25–35 ✶ 1, utrinque obtusiuscula. eguttulata, hyalina.

282. **Septoria Urticæ** Dmz., Kx. Flandr. I. 426, Sacc. M. V. n. 1002.

Hab. in foliis Urticæ urentis *a Conegliano*, Iunio 1876 (Spegazzini).

Obs. Spermatia filiformia, curvula, 50 ✶ 2, obsolete guttulata, hyalina.

283. **Septoria Cirsii** Niessl Mähr. Crypt. 36, Sacc. M.V. n. 1014.

Hab. in foliis Cirsii arvensis languidis Patavii, Majo 1876 et *a Selva*, Aug. 1876.

Obs. Maculæ subcirculares, griseo-fuscæ, nitidulæ; spermatia filiformi-clavulata, 40 ✶ $1^1/_2$–2, pluriguttulata, hyalina.

284. **Septoria Pulmonariæ** Sacc. Maculis subcircularibus, atro-fuscis, quandoque concentrice subplicatis; peritheciis (spuriis?) punctiformibus, late pertusis, sparsis; spermatiis cylindraceis, vehementer curvatis, 30–32 ✶ 2, utrinque obtusiusculis, pluriguttulatis, hyalinis.

Hab. in pag. superiore foliorum Pulmonariæ officinalis in sylva *Montello*, Aug. 1876.

285. **Septoria Geranii** Rob. et Dmz., Sacc. Fungi Ven. Ser. V. 205.

Hab. in foliis Geranii Robertiani in Euga-

neis et Geranii mollis *a Conegliano*, Martio et Sept. 1876.

Obs. Spermatia filiformia, 35–40 ✶ 1, indistincte septulata, hyalina.

286. **Septoria compta** Sacc. Fungi Ital. tab. 89, Michelia I. 93.

Hab. in foliis Trifolii alpestris in sylva *Montello*, Oct. 1876.

Obs. Spermatia cylindracea, curvula, 20–25 ✶ 5, utrinque obtusiuscula, 3–5–septata, ad septa constricta, hyalina denique in cirrhum albidum protrusa. Perithecia globulosa, immersa, ferruginea, late pertusa.

287. **Septoria Fragariæ** Dmz., Sacc. M. V. n. 548 p. p. et Fungi Ven. Ser. V. 206.

Obs. Spermatia cylindracea, utrinque obtusa, 3–septata, hyalina.

288. **Septoria Cheiranthi** Rob. & Dmz. XIV. Not. 20. Sacc. Myc. Ven. p. 195.

Obs. Spermatia filiformia, curvula, 25 ✶ 1, 6–8–guttulata, hyalina.

289. **Septoria Ranunculacearum** Lév., Sacc. Myc. Ven. p. 197.

Obs. Spermatia filiformia, recta, v. curvula, utrinque acuta, 50–70 ✶ $1^1/_2$, pluriguttulata, hyalina.

290. **Septoria Cyclaminis** Dur. & Mtgn. Syll. 279.

Hab. in foliis Cyclaminis europæi *a Susigana*, *Montello*, æst. 1877.

Obs. Spermatia filiformia, recta v. curvula, 25–30 ✶ 1, obsolete septata, hyalina.

291. **Septoria Anemones** Dmz., Kx. Flandr. I. 426. Sacc. M. V. n. 1007.

Hab. in foliis Anemones trifoliæ *a Conegliano*, Majo 1876 (Spegazzini).

Obs. Spermatia filiformia recta v. curvula, obsolete guttulata, 20–22 ✶ 1–$1^1/_4$, hyalina.

292. **Septoria anaxæa** Sacc. Maculis vagis epiphyllis ex ochraceo fuligineis, quandoque flavo-cinctis; peritheciis punctiformibus, globoso-lenticularibus, 80–90 micr. diam., pertusis; spermatiis bacillaribus, curvulis, utrinque ob-

tusiusculis, 50–70 ∗ $3^1/_2$, minute pluriguttulatis, v. obsolete septatis, hyalinis.

Hab. in pag. sup. foliorum Senecionis præalti in sylva *Montello*, ad flumen Plavim, Sept. 1876.

293. **Septoria Fuckelii** Sacc. M. V. n. 1009, *Sept. Tussilaginis* Fckl. Symb. myc. App. II, 83, *non* West. *nec* Thüm. Fungi Austr. n. 1187.

Hab. in pagina superiore foliorum Tussilaginis Farfaræ in sylva *Montello*; Oct. 1876.

Obs. Maculæ fuligineæ, inæqualiter sanguineo-marginatæ; perithecia globoso-lenticularia, majuscula, pertusa; spermatia cylindraceo-clavulata, utrinque obtusa, 40–55 ∗ 6–7, curvula, 4–5–septata, leniter constricta, obsolete guttulata, chlorino-hyalina.

294. **Septoria Inulæ** Sacc. & Sp. Maculis variis arescendo brunneo-rufescentibus; peritheciis centralibus punctiformibus 100-120 micr. diam., lenticularibus pertusis, laxiuscule fuligineo-contextis, spermatiis bacillaribus, 30–50 ∗ 3–4, subflexuosis, utrinque rotundatis, obsolete 1–septatis, hyalinis.

Hab. in foliis Inulæ salicinæ *a Conegliano*, Oct. 1877 (Spegazzini).

295. **Septoria Cymbalariæ** Sacc. & Sp. Maculis subcircularibus fuscescentibus; peritheciis gregariis punctiformibus lenticularibus, late pertusis, contextu parenchymatico fuligineo solidiusculo; spermatiis filiformibus subflexuosis, 20–35 ∗ $2^1/_2$–3, utrinque obtusiusculis, pluriguttulatis, obsolete septulatis, hyalinis,

Hab. in foliis Linariæ Cymbalariæ *a Conegliano,* Oct. 1877 (Spegazzini).

296. **Septoria Atriplicis** (Dmz.) Sacc. – *Phyllosticta Atriplicis* Dmz., Cooke F. B. II. n. 41 Maculis sordide ochraceis; peritheciis sparsis amphigenis, globoso-lenticularibus, 110 micr. diam., pertusis, spermatiis cylindraceis v. subfusoideis, 25–30 ∗ $4^1/_2$–5, utrinque obtusiusculis, rectis v. leniter curvulis, 2–5–truncato-nucleatis, v. spurie 1–3–septatis, hyalinis.

Hab. in foliis Chenopodii speciei Lipsiæ (G. Winter in herb. Magnaguti).

297. **Septoria Leucanthemi** Sacc, & Sp. Maculis subcircularibus, sinuosisque, fuscescenti-ochraceis, denique areola centrali alba; peritheciis sparsis, punctiformibus, lenticularibus 200–300 micr. diam., latiuscule pertusis, contextu laxiuscule parenchymatico pallide fuligineo; spermatiis filiformibus, curvulis flexuosisve, 100–130 ⁎ 4–5, crassiuscule pluriguttulatis, obsolete septatis, hyalinis.

Hab. in foliis Chrysanthemi Leucanthemi *a Conegliano,* Oct. 1877 (Spegazzini).

298. **Septoria fulvescens** Sacc. Maculis amphigenis versiformibus, confluentibus, fulvo-melleis, margine sinuoso concolori; peritheciis amphigenis, globuloso-prominulis, punctiformibus, ochraceis; spermatiis bacillaribus, 50–60 ⁎ 3, dense fasciculatis, utrinque obtusiusculis, leniter curvatis, 3–5–septulatis, hyalinis.

Hab. in foliis Lathyri sylvestris in sylva *Montello*, Aug. 1873, species prædistincta et, ut videtur, rarissima.

C. Species maculas nullas v. obsoletas efficientes.

299. **Septoria succisicola** Sacc. Maculis indeterminatis obsoletis; peritheciis sparsis epiphyllis, punctiformibus, atris; spermatiis filiformibus, 20 ⁎ $^1/_2$, minute 5–6–guttulatis, hyalinis.

Hab. in pag. sup. foliorum nondum emortuorum Succisæ pratensis in sylva *Montello,* Aug. 1873.

Obs. A *Sept. scabiosicola* f. *Succisæ* Sacc. M. V. n. 535 toto cœlo diversa.

300. **Septoria Aristolochiæ** Sacc. Maculis nullis; peritheciis hypophyllis, gregariis, punctiformibus, lenticularibus, 40 micr. diam., anguste pertusis; spermatiis bacillari-clavulatis, curvulis, 15–20 ⁎ $1^3/_4$–2, eguttulatis, hyalinis.

Hab. in pag. inferiore foliorum Aristolochiæ Clematitis *a Conegliano,* Oct. 1876 (Spegazzini).

301. **Septoria dianthicola** Sacc. Maculis nullis; peritheciis hinc inde dense congregatis, punctiformibus, atris;

spermatiis bacillaribus, curvulis, 15–20 ≈ 1, continuis eguttulatis, hyalinis.

Hab. in foliis Dianthi barbati in sylva *Montello*, Sept. 1873.

Obs. Cum *Sept. Dianthi* Dmz. nil commune habet.

302. **Septoria Heraclei** Dmz., Sacc. M. V. n. 643 (ad *Phyllachoram*).

Obs. Spermatia cylindracea, curvata, 50 ≈ 4, utrinque obtusa, 5–nucleata v. 4–septata, hyalina.

303. **Septoria Podagrariæ** Lasch,, Sacc. Myc. Ven. p. 145 (ad *Phyllachoram*), *S. Ægopodii* Dmz., Kx.

Obs. Spermatia cylindracea, 70–80 ≈ $2^3/_4$–$3^1/_2$, curvula, 6–7–nucleata, hyalina.

304. **Septoria Dictamni** Fckl. Symbl Myc. 389, Sacc. M. V. n. 1011.

Hab. in foliis Dictamni albi *a Galzignano*, (Padova), Iunio 1876 (Bizzozero).

Obs. Spermatia bacillaria, utrinque obtusiuscula, 90 ≈ $3^1/_2$–4, leniter curvula, 4–septata, hyalina.

305. **Septoria Xanthii** Dmz., Sacc. M. V. n. 547.

Obs. Spermatia filiformi-bacillaria, 40 ≈ 2, curvula, guttulata, hyalina.

306. **Septoria Arabidis** Sacc. Maculis nullis; peritheciis in foliis arescendo subochraceis sparsis, gregariisque punctiformibus, prominulis ostiolo latiuscule pertusis; spermatiis filiformibus, curvulis v. flexuosis, 35–40 ≈ 2, obsolete septatis, continuis, utrinque acutiusculis, hyalinis, denique in cirrhum protrusis.

Hab. in foliis Arabidis ciliatæ in alpibus *del Cadore*, (Belluno) æstate 1874 (S. Venzo).

307. **Septoria Chloræ** Sacc. & Sp. Maculis obsoletis v, vage albescentibus; peritheciis gregariis, punctiformibus, globulosis, prominulis, subastomis, contextu densiuscule parenchymatico nigricante; spermatiis filiformibus flexuosis, 35–40 ≈ 1, 4–6–septulatis, hyalinis.

Hab. in foliis caulibusque Chloræ perfoliatæ *a Conegliano*, Oct. 1877 (Spegazzini).

308. **Septoria caulicola** Sacc. Maculis albicantibus v. obsoletis: peritheciis sparsis, minutis e globoso lentifor-

mibus, epidermide tandem leniter rupta velatis, atris, latiuscule pertusis; spermatiis bacillari-fusoideis, sursum clavulatis, falcatis, 40 ✶ $2^1/_2$, hyalinis, sterigmatibus brevibus, crassiusculis fultis.

Hab. in caulibus languidis Scabiosæ graminifoliæ *ad Arco* (Trentino), Sept. 1874.

Obs. Hæc, nec non *S. pleosporoides, S. phomatoides, S. pithyophila, S. imperialis* ob perithecia perfectiora a cæteris desciscunt.

308.bis **Septoria pleosporoides** Sacc. Fungi Magn. n. 33.

309. **Septoria asclepiadea** Sacc. Maculis nullis v. obsoletis; peritheciis amphigenis dense gregariis, globoso-lenticularibus, prominulis, punctiformibus, atris; spermatiis bacillari-fusoideis, 18–20 ✶ $2^1/_2$–3, curvulis, utrinque obtuse attenuatis, obsolete 1–septatis, non constrictis, hyalinis.

Hab. in foliis Cynanchi Vincetoxici et Marsdeniæ erectæ in Horto Patavino, Nov. 1877.

Obs. A *Sept. Vincetoxici* toto cœlo diversa.

310. **Septoria Tunicæ** Sacc. Maculis nullis; peritheciis gregariis, lenticulari-prominulis, punctiformibus, 60–70 micr. diam., pertusis; spermatiis bacillaribus, 15–18 ✶ $1^1/_2$–$1^3/_4$, curvulis, teniter 1–3–septatis, hyalinis.

Hab. in caulibus languidis Tunicæ Saxifragæ Patavii, Martio 1873.

311. **Septoria Nebula** Sacc. Maculis nullis v. obsolete cinerascentibus, indeterminatis; peritheciis late densiuscule gregariis, punctiformibus lenticularibus, 50–60 micr. diam., pertusis, atris; spermatiis bacillaribus, curvulis, 15 ✶ 1, obsolete 1–septatis, hyalinis.

Hab. in caulibus Heraclei Sphondylii *a Vittorio*, Oct. 1873, socia *Hendersonia Heraclei* Sacc., mox describenda.

Obs. A *Septoria nebulosa* Dmz. X. Notic. p. 7 probe diversa.

312. **Septoria Vitalbæ** Sacc. Maculis oblongis, obsolete dealbatis, indeterminatis; peritheciis gregariis, punctiformibus, diam. 70–80 micr., lenticularibus, pertusis; spermatiis bacillari-fusoideis, 12–15 ✶ 3, rectis curvu-

lisve, 2–nucleatis, simulateque 1–septatis, non v. vix constrictis hyalinis.

Hab. in caulibus adhuc vivis Clematidis Vitalbæ *a Selva*, Apr. 1874.

313. **Septoria nigrella** Sacc. Maculis obsoletis; peritheciis hinc inde dense aggregatis areolasque atras elongatas efficientibus, punctiformibus, lenticularibus, 60–80 micr. diam., pertusis; spermatiis bacillaribus, curvulis, $12–15 \times 1^1/_4$, utrinque obtusiusculis, continuis, eguttulatis, hyalinis.

Hab. in caulibus Lychnidis dioicæ Patavii, Apr. 1873.

++ Species in plantis monocotyledoneis et acotyledoneis parasiticæ.

314. **Septoria Tritici** Dmz. IX. Not. (1842) pag. 17. *S. Graminum* Dmz. Sacc. M. V. p. 197 p. p.

Hab. in foliis graminum (Brachypodii v. Festucæ) in sylva *Montello*, Aut. 1874-77.

Obs. Maculæ sublineares, longitudinales, albidæ, atropurpureo-marginatæ; spermatia cylindraceo-fusoidea, 60×5, curvula, 3–5–septata, hyalina. — Ab hac *Sept. Tritici* B. & C. (Grev. n. 25 p. 10) certe distinguenda.

315. **Septoria affinis** Sacc. Maculis linearibus, longitudinalibus, arescendo dealbatis, rufo-cinctis; peritheciis lenticularibus, punctiformibus, 200 micr, diam., latiuscule pertusis, nigricantibus; spermatiis bacillaribus, subflexuosis, $25–30 \times 2–2^1/_2$, utrinque obtusiusculis, 4–5–septatis, non constrictis, e hyalino dilutissime chlorinis.

Hab. in foliis Brachypodii pinnati in sylva *Montello*, Aug. 1877.

316. **Septoria Bromi** Sacc. Maculis obsoletis expallentibus, elongatis; peritheciis copiosis globoso-lenticularibus, pertusis; spermatiis filiformi-clavulatis, hinc acutis, illinc obtusis, $50–60 \times 2$, leniter curvis minute pluriguttulatis, hyalinis.

Hab. in foliis Bromi mollis *a Conegliano*, Majo 1876 (Spegazzini).

317. **Septoria Grylli** Sacc. Maculis obsoletis, expallentibus; peritheciis inordinate sparsis, globoso-lenticularibus, punctiformibus, atris; spermatiis filiformibus, longissimis, 75–85 ✶ 1, utrinque obtusiusculis, eguttulatis, hyalinis.

Hab. in foliis Andropogonis Grylli *a Padova,* Iunio 1876.

318. **Septoria Phragmitis** Sacc. Maculis subovatis, arescendo dealbatis, fusco-marginatis; peritheciis punctiformibus, lenticularibus, atris; spermatiis cylindraceis, utrinque attenuatis, 20–30 ✶ 1½–2, curvulis, minute guttulatis, hyalinis.

Hab. in foliis Phragmitis communis *a Vidòr,* (Treviso) Aug. 1874.

Obs. A *Septoria* (Ascospora) *Arundinis* Mtgn. Syll. 275 longe diversa.

319. **Septoria arundinacea** Sacc. Maculis oblongis, amphigenis, sordide ochraceis, fusco-cinctis; peritheciis gregariis, innatis, e globoso lenticularibus, $^1/_7$ mill. diam., nucleo albo, contextu exquisite laxe celluloso, fuligineo; spermatiis bacillaribus, 60–70 ✶ 5–6, curvulis, utrinque vix attenuatis, rotundatis, 6–7–septatis, non v. lenissime constricti, prope septa guttulas minutas foventibus, e hyalino dilute olivaceis.

Hab. in foliis Phragmitis communis Patavii, Iun. 1877.

Obs. Species pulchra, a *Sept. Phragmitis* Sacc., *S. Tritici* Dmz., *Cryptosporio Arundinis* Mtgn. nec non ab *Hendersoniis* variis crostophilis probe distinguenda.

320. **Septoria donacina** Sacc. Maculis nullis v. obsolete expallentibus; peritheciis sparsis, innato-erumpentibus e globoso depressis, $^1/_4$ mill. diam., ostiolo exiguo, contextu minute parenchymatico; spermatiis dense fasciculatis, filiformibus, 65–80 ✶ 1½, vehementer curvatis, utrinque obtusiusculis, obsolete 6–10–guttulato-septulatis, hyalinis.

Hab. in culmis, præsertim in eorum interiore pariete, Arundinis Donacis, socia *Apiospora Striola,* in alveo Plavis, *a Susegana,* Apr. 1874.

321. **Septoria hydrophila** Sacc. & Sp. Maculis nullis;

peritheciis cladogenis, sparsis, punctiformibus, 120–150 micr. diam, lenticularibus, pertusis, contextu laxiuscule parenchymatico, fuligineo; spermatiis bacillaribus utrinque attenuatis, 90 ⋆ 3, curvatis, pluriguttulatis hyalinis, basidiis filiformibus brevibus suffultis.

Hab. in caulibus Alismatis Plantaginis *a Conegliano*, Martio 1877 (Spegazzini).

322. **Septoria caricicola** Sacc. Maculis subcircularibus, variis arescendo dealbatis latiuscule brunneo-marginatis; peritheciis punctiformibus, atris; spermatiis cylindraceis, utrinque obtusis, 50 ⋆ 4, leniter curvis, 7–8–septulatis, minuteque guttulatis e hyalino dilute flavidulis.

Hab. in foliis Caricis ripariæ Patavii, Majo 1874.

Obs. Paululum ad *Hendersoniam* vergit.

323. **Septoria Scirpi** Sacc. Maculis indeterminatis expallentibus; peritheciis gregariis punctiformibus, atris; spermatiis bacillaribus 38-40 ⋆ 3–3$^1/_2$, utrinque obtusiusculis, curvulis, 3–septatis, hyalinis.

Hab. in calamis Scirpi lacustris ad Benacum, Sept. 1875, socia *Sphærella Scirpi lacustris* Awd., cujus forte spermogonium.

324. **Septoria Holoschæni** Mtgn. Syll. 275 (sub Ascospora).

Hab. in calamis Scirpi Holoschæni in alveo Plavis *a Narvesa*. Aut. 1874.

Obs. Maculæ obsoletæ; perithecia globulosa, minutissima, innato-erumpentia; spermatia cylindraceo-fusoidea 50 ⋆ 4, utrinque acuta, 5–7–septata, non constricta, curvula, dilutissime olivacea — Paululum ad *Hendersoniam* vergit. An status spermogonicus *Leptosphæriæ Micropogonis* Sacc.?

325. **Septoria alismatella** Sacc. Maculis nullis v. indeterminatis; peritheciis caulogenis e globoso depressis, subcutaneis, diam. 70 micr., pertusis; spermatiis bacillaribus, rectiusculis, 15 ⋆ 1, utrinque acutatis, eguttulatis, hyalinis.

Hab. in caule Alismatis Plantaginis in sylva *Montello*, Aug. 1873.

Obs. A *Septoria Alismatis* Oud. (quæ = *S. Alismatis* Thm.) prorsus aliena.

326. **Septoria Orchidearum** West. f. *Orchidis Morionis*.

Hab. in vaginis foliorum Orchidis Morionis *a Selva*, Sept. 1873.

Obs. Maculæ obsolete expallentes; spermatia bacillaria utrinque acuta, 18 ✶ 1, rectiuscula, guttulata, hyalina.

327. **Septoria Epipactidis** Sacc. Maculis oblongis, arescendo albicantibus; peritheciis lenticularibus, atris, pertusis; spermatiis cylindraceo-bacillaribus, 28–30 ✶ 2, utrinque obtuse attenuatis, curvatis, 4–6-guttulatis, hyalinis.

Hab. in foliis Epipactidum *in Cadore*, æst. 1874 (S. Venzo).

328. **Septoria brunneola** (Fr.) Niessl Mähr. Crypt. p. 35.

Hab. in foliis Convallariæ majalis *a Selva*, *Narvesa*, Aut. 1876.

Obs. Spermatia filiformia, 75–100 ✶ 2, continua, hyalina.

329. **Septoria Erythronii** Sacc. & Sp. Maculis subcircularibus sinuosisque, albicantibus; peritheciis gregariis, punctiformibus, lenticularibus, prominulis, 80–100 micr. diam., subastomis; contextu minute parenchymatico subochraceo; spermatiis filiformibus, subtortuosis, 45–50 ✶ 4, utrinque acutiusculis, pluriguttulatis obsoleteque septulatis, hyalinis.

Hab. in foliis Erythronii Dentis canis *a Conegliano*, Oct. 1877. (Spegazzini).

330. **Septoria Scolopendrii** Sacc. Maculis indeterminatis arescendo ochraceo-rufescentibus obsoletisve; peritheciis hinc inde aggregatis, punctiformibus, lenticularibus, 50–80 micr. diam., anguste pertusis; contextu denso, atro-olivaceo; spermatiis filiformibus, rectis curvulisve, 24–28 ✶ 1½–2, utrinque obtusiusculis, guttulatis, hyalinis.

Hab. in fronde Scolopendrii officinarum, *a Selva*, Apr. 1874, et *a Conegliano*, Apr. 1877 (Spegazzini).

+ + + Species zoophila.

331. **Septoria pterophila** Sacc. Fungi ital. tab. 90, Michelia I. 93.

Obs. Spermatia cylindraceo-vermicularia, utrinque obtusiuscula, 44–50 ≈ $3^1/_2$–4, 6–7-septata, non constricta e hyalino chlorino-olivacea.

REPERTORIUM

specierum generis Phyllostictæ, Ascochytæ et Septoriæ

secundum matrices.

Obs. *P.* indicat Phyllostictam, *A.* Ascochytam, *S.* Septoriam.

Numeri progressionem specierum signant.

332. **Discosia Artocreas** Fr., Sacc. Fungi Veneti, Ser. V. 199. Sequentes formas in agro Veneto hucusque observavi:

1. *Ligustri vulgaris:* spermatia botuliformia, 15 ✶ 3, utrinque sub apice rotundato setigera, 3–septata, flavida; setæ in omnibus 10–15 lgæ. – *a Selva.*
2. *Photiniæ serrulatæ:* sperm. ut supra, 20 ✶ $2^1/_2$, hyalino-luteola – *a Selva.*
3. *Sorbi torminalis:* sperm. ut supra, 16–22 ✶ 2–3, viridula – *Montello.*
4. *Quercus pedunculatæ:* sperm. ut supra, 18–20 ✶ 2, dilute chlorina – *Montello.*
5. *Platani orientalis:* sperm. ut supra, 20 ✶ 3, subhyalina – *Conegliano.*
6. *Lauri nobilis:* sperm. ut supra, 18–20 ✶ 3–$3^1/_2$, subhyalina – *Selva.*
7. *Abietis excelsæ:* sperm. ut supra, 15–20 ✶ 3, subhyalina – *Selva.*
8. *Pseudoplatani:* sperm. ut supra, 15–16 ✶ 2–$2^1/_2$, subhyalina – *Selva.*
9. *Cercidis Siliquastri:* sperm. ut supra, 20 ✶ $2^1/_2$, subhyalina – *Treviso.*
10. *Populi nigræ:* sperm. ut supra, 15 ✶ $2^1/_2$, subhyalina – *Selva.*
11. *Aceris campestris:* sperm. ut supra, 18 ✶ 3, subhyalina – *Montello.*
12. *Rubi cæsii:* sperm. ut supra, 18–20 ✶ $3^1/_2$, viridula – *Selva.*
13. *Betulæ albæ:* sperm. ut supra, 16 ✶ $2^1/_2$, subhyalina – *Conegliano.*
14. *Rosarum:* sperm. ut supra, 18–21 ✶ $2^1/_2$–$3^1/_2$, subhyalina – *Conegliano.*
15. *Fraxini Orni:* sperm. ut supra, 16–18 ✶ 3, subhyalina – *Pianzano.*
16. *Fagi sylvaticæ:* sperm. ut supra, 14–17 ✶ 2–$2^1/_2$, subhyalina – *Conegliano.*
17. *Pruni Cerasi:* sperm. ut supra, 14–18 ✶ $2^1/_2$–3, subhyalina – *Conegliano.*
18. *Pteridis aquilinæ:* sperm. ut supra, 18–22 ✶ $2^1/_2$, subhyalina – *Conegliano.*

19. *Vitis viniferæ:* sperm. ut supra, 20 ✱ 3, subyalina – *Conegliano.*

20. *Pæoniæ officinalis:* sperm. ut supra, 15–16 ✱ 3, viridula – *Gallia* (GANDOGER.)

21. *Pyri Mali:* sperm. ut supra, 18–20 ✱ 3, viridula – *Selva.*

22. *Ranunculi acris:* sperm. ut supra, 18 ✱ 3, viridula – *Selva.*

Præterea vidi in foliis Mespili japonicæ, Robiniæ, Tiliæ, Quercus Ilicis, in strobilis Abietis &c.

333. **Leptothyrium macrothecium** Fckl. Symb. mycol. pag. 383.

Hab. in foliis Tormentillæ erectæ in sylva *Montello,* Sept. 1876.

Obs. Perithecia dimidiata, pro genere majuscula, astoma, aterrima; spermatia cylindraceo-fusoidea, 7–8 ✱ $1^1/_2$–2, curvata, hyalina.

334. **Leptothyrium dryinum** Sacc. – *Stigmella? dryina* Sacc. M. V. n. 555, minime Lév. Peritheciis punctiformibus, diam. 50–80 micr., superficialibus, scutiformi-applanatis, atris e cellulis fibrosis radiantibus, circumcirca fimbriatis compositis, medio dehiscentibus; spermatiis ratione perithecii majusculis, ovoideis, 10–12 ✱ 7, minute pluriguttulatis, fuscidulis.

Hab. in foliis nondum emortuis Quercus pedunculatæ in sylva *Montello,* aut. 1873-77, nudo oculo vix percipiendum.

Obs. Ob formam perithecii ad *Actinotyrium* vergit, sed fabrica spermatiorum maxime differt.

335. **Leptothyrium acerinum** (Kze) Cda. *Pilidium acerinum* Kze, Sacc. M. V. n. 996.

Hab. in foliis Aceris campestris et Aceris platanoidis *a Selva, Conegliano e Padova,* Aut. 1876.

Obs. Spermatia cylindraceo-fusoidea, falcata, 10–14 ✱ $1^1/_2$–2, hyalina, initio sterigmatibus filiformibus, 10–12 ✱ 1 suffulta.

336. **Leptothyrium alneum** (Lév.) Sacc. — *Melasmia alnea* Lév., Cooke Hndb. p. 400.

Hab. in foliis Alni glutinosæ languidis *a Conegliano*, Sept. 1876 (SPEGAZZINI).

Obs. I. Perithecia scutiformia convexo-plana, atra, dein radiatim subplicata; spermatia botuliformia, curvula 8–9 ✶ $1^1/_2$–2, hyalina. An status provectior *Leptothyrii* (Glœosporii) *cylindrospermi* Bonorden? – Aptius omnimode *Leptothyrio* quam *Malasmiæ* adscribenda species.

Obs. II. Ad hoc quoque genus spectat *Leptothyrium pictum* B. et Br., Sacc. F. ital. tab. 93. Observandum tamen quod tam hoc quam *Lept. dryinum* perithecio multo magis manifesto, quam ceteræ species, prædita sunt.

337. **Melasmia acerina** Lèv. (Spermog. *Rhytismatis acerini* (Pers.) Fr., Sacc. Myc. Ven. p. 159.)

Hab. in foliis Aceris campestris et Pseudoplatani in toto agro Veneto, Aut.

Obs. Spermatia botuliformia, curvula, 6–8 ✶ 1, hyalina.

338. **Piggotia astroidea** B. & Br., Cooke Hndb. 441 fig. 165, Sacc. M. V. n. 994.

Hab. in foliis Ulmi campestris vivis *a Conegliano* Aug. 1876 (SPEGAZZINI).

Obs. Spermatia oblonga, basi truncata, apice rotundata, 8–10 ✶ 5–6, minute 2–4-guttulata, dilute luteola, basidiis cylindraceis fasciculatis apice truncatis luteolis suffulta. Contextus perithecii minute parenchymaticus, atro-olivaceus.

339. **Coniothyrium conoideum** Sacc. Peritheciis sparsis hemisphærico-conoideis, minutis, initio epidermide velatis dein erumpenti-superficialibus, atris, nitidulis; spermatiis ellipsoideo-globulosis, $3^1/_2$ ✶ $2^1/_2$, 1-guttulatis, luteolis.

Hab. in caule putri Angelicæ sylvestris, una cum *Leptosphæria conoidea*, cujus est verisimiliter st. spermogonicus, in *S. Montello*, aut. 1874.

340. **Coniothyrium arundinaceum** Sacc. Peritheciis gregariis erumpentibus, globulosis, papillatis, atris; contextu parenchymatico fuligineo; spermatiis ovoideo-oblongis, 4–$4^1/_2$ ✶ $2^1/_2$–3, 1–2-guttulatis, olivaceis, sterigmatibus filiformibus, brevibus, 10–15 ✶ $2^1/_2$ suffultis.

Hab. in culmis Arundinis Donacis putrescentibus Patavii, Apr. 1875 (Bizzozero) – Species bene distincta!

341. **Coniothyrium concentricum** (Dmz.) Sacc. M. V. n. 354. Fungi Ven. Ser. V. 199. et var. **Agaves** (*Phoma Agaves* Bk.)

Hab. in foliis Yuccæ gloriosæ *a Vittorio e Selva*, var. in foliis Yuccæ filamentosæ in Horto Patavino, Aut. 1875-77.

Obs. Perithecia lentiformia, subastoma, contextu parenchymatico fuligineo; spermatia e globoso ovoidea, 4–5 ∗ 3–4, initio hyalina, dein flavida, tandem fuliginea, plerumque 1-guttulata – Perithecia non semper concentrice disposita, modo epidermide nigricante nunc immutatà velata. In var. *Agaves* perithecia sparse gregaria, erumpenti-superficialia, globulosa.

342. **Coniothyrium scapisedum** Sacc. & Sp. Peritheciis globuloso-lenticularibus, initio epidermide velatis, 200–250 micr. diam., anguste pertusis; contextu parenchymatico fuligineo; spermatiis globoso-ovoideis, 2–3 ∗ $1^1/_2$ –2, pallide fuligineis.

Hab. in scapis emortuis Plantaginis lanceolatæ *a Conegliano*, Nov. 1876 (Spegazzini).

343. **Coniothyrium Saponariæ** Sacc. & Sp. Peritheciis globuloso-lenticularibus, 200 micr. diam., contextu parenchymatico circa porum latiusculum densiore, fuligineo; spermatiis brevissime cylindraceis, utrinque obtusis, 4–$4^1/_2$ ∗ 2, e hyalino pallide fuligineis.

Hab. in caulibus emortuis Saponariæ officinalis *a Conegliano*, Nov. 1876 (Spegazzini).

344. **Coniothyrium Parietariæ** Sacc. & Sp. Perithecii cortice secedente superficialibus, subhemisphaericis, 200-300 micr. diam., umbilicatis, carbonaceis; spermatii ovoideo-globulosis. 4–5 ∗ 2–$3^1/_2$, lutescenti-olivaceis.

Hab. in radicibus emortuis Parietariæ officinalis *a Conegliano*, Dec. 1876 (Spegazzini).

345. **Coniothyrium Hederæ** Dmz., Sacc., *Phoma Hederæ* Dmz., Cooke Hndb. p. 418. *Melanconium Hederæ* Pr. Hoyersw, p. 717, n. 312.

Hab. in ramulis foliisque Hederæ Helicis *a Selva* et *Conegliano* Aut. 1875–76.

Obs. Perithecia lenticularia majuscula, epidermide nigrificatâ velata; spermatia e globoso subovoidea, 5–6 ✶ 4–4½, sæpius subangulosa, 1–2–guttulata, olivaceo-fusca, guttulis grandiusculis pallidioribus.

316. **Coniothyrium olivaceum** Bon., Sacc. Mycol. Ven. 191. – Sequentes formas in agro Veneto observavi:

1. *Philadelphi coronarii:* perithecia globosa, majuscula, initio velata, dein sublibera, atra, conico-papillata; sperm. ovoideo–oblonga, 6 ✶ 3, olivaceo-fusca.
2. *Rhois radicantis:* perith. ut supra; sperm. 6–7 ✶ 3½–4.
3. *Loniceræ Xylostei:* perith. ut supra; sperm. 6–7 ✶ 5.
4. *Carpini Betuli:* perith. ut supra; sperm. 6 ✶ 3.
5. *Populi nigræ:* perith. ut supra; sperm. 5–6 ✶ 3.
6. *Catalpæ syringifoliæ:* perith. ut supra; sperm. 6–7 ✶ 3½.
7. *Amorphæ fruticosæ:* perith. ut supra; sperm. 8 ✶ 4–5.
8. *Sophoræ japonicæ:* perith. ut supra; sperm. 6–7 ✶ 3–3½.
9. *Evonymi japonici:* perith. ut supra; sperm. 6–7 ✶ 5.
10. *Ailanthi glandulosæ:* perith. ut supra; sperm. 7–8 ✶ 3½–4½.
11. *Paliuri aculeati:* perith. ut supra et cæspitulosa; sperm. 6–8 ✶ 3–4.
12. *Magnoliæ grandifloræ:* (in foliis) perith. ut supra; sperm. 5–7 ✶ 3–4.
13. *Celtidis australis:* perith. ut supra; sperm. 6 ✶ 2½ –3.
14. *Calycanthi floridi:* perith. ut supra; sperm. 5–6 ✶ 4–5.

317. **Coniothyrium cruciatum** Fckl. Symb. p. 173.

Hab. in ramis Ulmi campestris *a Selva,* Aut. 1874, raro.

Obs. Spermatia globulosa, diam. 3–4 micr., quandoque dimidiata, flavida.

318. **Coniothyrium fuscidulum** Sacc. Peritheciis gregariis, in fibris ligneis nidulantibus, erumpentibusque, globulosis, atris; spermatiis e globoso ovoideis, 4–5 ✶ 3–4, 1–guttulatis, olivaceis.

Hab. in ramis decorticatis Sambuci *a Vittorio*, aut. 1864, socio *Melanommate fuscidulo* Sacc., cujus videtur spermogonium.

349. **Coniothyrium australe** Sacc. Peritheciis cortice nidulantibus, epidermidem pustulatim breve elevantibus, e fibris corticalibus mutatis conflatis (ergo spuriis ?), ochraceis; spermatiis oblongis, 12 ⋆ 7, basi cuneatis, apice inæqualiter obtusatis, 3–pluriguttulatis e luteo pallide ochraceis, in basidiis brevibus, fasciculatis acrogenis.

Hab. in ramulis Paliuri aculeati *a Vittorio*, Oct. 1873.

350. **Coniothyrium cæspitulosum** Sacc. Dothideoides; peritheciis globulosis papillulatis, erumpentibus, in cæspitulos dense aggregatis et e mutua pressione sæpe angulosis, atris; contextu laxe celluloso ferrugineo; spermatiis e globoso ovoideis sæpius basi subapiculatis, 8–9 ⋆ 6–8, e hyalino dilute flavidis.

Hab. in ramulis Tamaricis gallicæ *a Verona* (A. Massalongo) et *a Conegliano* (Spegazzini).

351. **Coniothyrium Platani** Sacc. Peritheciis globulosis, subcutaneis, vix erumpentibus, nucleo farcto atro; spermatiis oblongo-ovoideis, 3 ⋆ $1^1/_2$, olivaceis basidiis, cylindraceis simplicibus ramulosisque fultis.

Hab. in ramis corticatis Platani orientalis *a Conegliano*, Junio 1876 (Spegazzini).

352. **Coniothyrium epimyces** Sacc. & Speg. Peritheciis sparsis, gregariisque, globoso-lenticularibus, 150–200 micr. diam., inito-erumpentibus, pertusis; spermatiis oblongo-ovoideis, obtuseque angulosis, 4–6 ⋆ $2^1/_2$–3, 1–2–guttulatis olivaceo-fuscidulis.

Hab. in cute Polypori squamosi putris *a Conegliano*, Nov. 1876 (Spegazzini).

353. **Coniothyrium insitivum** Sacc. Peritheciis (genuinis?) in acervulos conoideos subaggregatis, tectis, sæpe difformibus, aterrimis, nigrofarctis; spermatiis oblongo-ovatis $4^1/_2$–7 ⋆ $2^1/_2$–$3^1/_2$, olivaceo-fuligineis, in basidiis brevissimis acrogenis.

Hab. in ramulis Gleditschiæ, Albizziæ, Ber-

beridis, Rhamni cathartici, Ulmi campestris et Ailanthi glandulosæ (Cfr. Sacc. Fungi Ven. Ser. IV. 20) *a Selva e Padova*, 1874–76.

Obs. Membrana perithecii deesse videtur, sed nuclei sunt definite efformati, ergo non *Melanconii* species – *Con. incrustans* Sacc. huic affine est, sed differt spermatiis globulosis, 5 * 4, fuligineis hyalino–1–guttulatis. Hoc nuper in Albizzia Jalibrissin legi *a Selva.*

354. **Coniothyrium Fuckelii** Sacc. Fungi Ven. Ser. II. 318 et Ser. V. 200., M. V. n. 1030. In agro Tarvisino formas sequentes observavi:

1. *Ampelopsidis hederaceæ:* spermatia sphæroidea, 4. micr. diam. fuliginea.
2. *Tecomæ radicantis:* spermatia globoso ovoidea, 3–4 * $2^1/_2$ –3, olivacea.
3. *Rosarum:* spermatia globosa v. ovoidea, 3–5 * 3, olivacea.
4. *Robiniæ Pseudacaciæ:* spermatia ovoidea, 3 * $2^3/_2$, olivacea.
5. *Berberidis vulgaris:* spermatia globosa, quandoque subangulosa, 4 diam., 1–guttata, fuliginea.

Obs. Aliæ species jam descriptæ, sunt: *C. fœdans* Sacc. F. it. tab. 95 et Michelia I. p. 95., *C. vagabundum*, *C. Aucubæ*, *C. incrustans*, Sacc. F. Ven. Ser. V. 199–200 et *C. anserinum*, Sacc. F. Ven. Ser. IV. p. 19 — *C. Palmarum* Cda Ic. IV fig. 106, ex agro Neapolitano misit C. Magnaguti-Rondinini.

Hendersonia Mont., Sacc. Mycol. Ven. Spec. p. 199.

+ Species dictyosporæ (*Camarosporium* Schulz.).

355. **Hendersonia Robiniæ** West., Sacc. Mycol. Ven. p. 199, *H. subfenestrata* B. & C. Grevill. n. 25 p. 5.

Obs. Stylosporæ oblongæ, 15–16 * 7, 4–5–septato-muriformes, fuligineæ.

356. **Hendersonia Triacanthi** Sacc. Peritheciis erumpentibus, sæpe cæspitulosis, globosis, papillatis, nigris; sty-

losporis oblongis, 20 ⁎ 8, 4–5-septato-muriformibus, fuligineis – Affinis *Hendersoniæ Robiniæ* West.

Hab. in ramis Gleditschiæ Triacanthi putrescentibus *in Cadore* (Belluno), æstate 1874 (S. Venzo).

357. **Hendersonia Mori** Sacc. Peritheciis erumpentibus, gregariis v. aggregatis, globulosis, breviter papillatis, aterrimis: contextu parenchymatico fusco; stylosporis oblongo-ovoideis, 22 ⁎ 10, quandoque inæqualibus, 3–5-septato-muriformibus, ad septa non constrictis, fuligineis.

Hab. in ramis Mori albæ *a Conegliano*, Jun. 1876 (Spegazzini).

Obs. Huc probabiliter spectat *Camarosporium Mori* Schulz. Myk. Beitr. 1870 p. 649.

358. **Hendersonia Coronillæ** Sacc. & Sp. Peritheciis sparsis v. aggregatis, erumpentibus, olivaceo-nigris, globulosis, papillatis, denique umbilicatis; stylosporis oblongis, utrinque rotundatis, rectis curvulisve, 15–18 ⁎ 6–8, 3–5–septato–muriformibus, rarius ad septa constrictis, dilute fuligineis.

Hab. in ramulis Coronillæ Emeri *a Susigana*, Dec. 1876, socia *Cucurbitaria Coronillæ* (Fr.) Sacc. (Spegazzini).

359. **Hendersonia incrustans** Sacc. Peritheciis cortice nidulantibus, sparsis v. sæpius aggregatis, globosis, papillulatis, atris, pachydermaticis; stylosporis ovoideis initio continuis guttulatis, flavo–lutescentibus dein 3–septato–muriformibus, 15–17 ⁎ 8, ad septa non v. vix constrictis, opace fuligineis.

Hab. in ramis corticatis Rhois typhinæ Patavii, Martio 1872, socia *Thyridaria incrustante* Sacc., et Corni sanguineæ *a Selva*, Aug. 1877.

360. **Hendersonia polymorpha** (DNtrs sub *Diplodia*) Sacc. Peritheciis sparsis, globulosis, papillulatis, e fibris ligneis erumpentibus; stylosporis ellipsoideis, initio continuis stipitellatis, dein 3–4–septato–muriformibus, 10 ⁎ 8, ad septa non v. vix constrictis, fuligineis.

Hab. in ramis Loniceræ Xylostei *a Selva*, Sept. 1873.

Obs. Huic paululum affinis est *H. sarmenticia* Sacc. Fungi ital. tab. 97 et Michelia I. 96,

361. **Hendersonia rubicola** Sacc. Peritheciis sparsis, globulosis, minutis, erumpentibus; stylosporis oblongo-ovoideis v. subangulosis, utrinque rotundatis, 12–14 ∗ 6, 3–4–septato-muriformibus, ad septa non constrictis, fuligineis, initio vero continuis et breviter stipitatis.

Hab. in ramulis Rubi fruticosi Patavii, Majo 1873.

362. **Hendersonia Tini** Sacc. Peritheciis foliicolis, punctiformibus, innato-erumpentibus, globulosis nigris; stylosporis initio stipitellatis, 12 ∗ 7, 3–septato-muriformibus, dilute fuligineis.

Hab. in foliis languidis Viburni Tini *a Selva*, Sept. 1873.

363. **Hendersonia Suseganensis** Sacc. & Sp. Foliicola; maculis albis sinuosis; peritheciis globoso-lenticularibus, amphigenis, 100–150 micr. diam., pertusis; contextu parenchymatico, atro-fusco; stylosporis ovoideis, inæqualibus, 15–20 ∗ 8–10, 2–4–septatis muriformibusque, fuligineis.

Hab. in foliis Capparidis rupestris *a Susegana*, Oct. 1877 (Spegazzini).

364. **Hendersonia macrospora** Bk. & Br., *H. pulchella* Sacc. Myc. Ven. p. 200 t. XVII f. 22–23.

Obs. Secundum Passer. in litt. et Winter in exempl. prædicta mea *H. pulchella* ad *H. macrosporam* genuinam spectat.

365. **Hendersonia Saubinetii** Mtgn. Syll. p. 263.

Hab. in ramis corticatis Quercus pedunculatæ in sylva *Montello*, Oct. 1875, et Sambuci nigræ *a Conegliano*, Martio 1876 (Spegazzini).

Obs. Species prædistincta, ob naturam stylosporarum cum genere *Staurosphæria* Rabh., (Kx Fland. I, 399) conveniens, sed ob stroma fere dothideaceum longe diversa. Stylosporæ subglobosæ 8–10 micr. diam., vel 11–12 ∗ 8–9, 2–septato-muriformes v. sæpius radiatim 3–5–septatæ, ad septa leniter constrictæ, fuligineæ, initio basidiis cylindraceis sporâ brevioribus, hyalinis fultæ.

Specimina in Rhamno meis simillima ex Anglia misit clar. M. C. Cooke — *Hendersonia sphærosperma* B. & C. (Grevillea N. 25 pag. 4) valde affinis videtur, nisi eadem.

++ Species phragmosporæ (vel stylosporis 1-serialiter guttatis).

A. In Monocotyledoneis parasiticæ.

366. **Hendersonia Luzulæ** West. (?) Crypt. d'ap. stat. App. I. (nomen).

Hab. in calamis vaginisque Luzulæ pilosæ in Euganeis, Martio 1873.

Obs. Stylosporæ cylindraceæ, utrinque rotundatæ, 14 ✕ $3^1/_2$–4, plerumque rectæ, 4-guttulatæ, hyalinæ (jugiter?)

367. **Hendersonia graminella** Sacc. peritheciis gregariis, erumpentibus, globoso-papillatis, atris, contextu parenchymatico fuligineo; stylosporis cylindraceis utrinque obtusiusculis, 18–20 ✕ 3–$3^1/_2$, (jugiter) 4–6-guttulatis, hyalinis.

Hab. in culmis graminum inferiorum *a Selva*, Sept. 1875.

368. **Hendersonia Ischæmi** Sacc. Peritheciis gregariis v. longitudinaliter cæspitulosis, erumpentibus globulosis, papillatis; contextu parenchymatico, atro; stylosporis cylindraceis v. oblongatis, 12 ✕ 4, initio 4-guttulatis, dein 1-septatis, tandem 3-septatis, ad septa non constrictis, hyalinis.

Hab. in culmis putrescentibus Andropogonis Ischæmi, Patavii Nov. 1875.

369. **Hendersonia culmicola** Sacc., *H. subseriata* Sacc. F. V. ser. V. p. 207, non Dmz.

Obs. H. subseriata genuina, sec. descr. Dmz. et specimina Winterii, habet stylosporas, 38–40 ✕ 7, 6–8-nucleata, hyalina.

370. **Hendersonia graminicola** Lév., Sacc. Myc. Ven. p. 199.

Obs. Stylosporæ cylindraceo-fusoideæ, 22 ✕ 5, 3-septatæ, fuscæ.

371. **Hendersonia arundinacea** Dmz., Sacc. F. V. Ser. II. 320.

Hab. in culmis Phragmitis communis, socia *Leptosphæria arundinacea, a Selva, Padova*, Aut. 1875.

Obs. Stylosporæ cylindraceo-bacillares utrinque rotundatæ, 60–70 ✕ 7, 10–12-septatæ, 11–13-guttulatæ, hyalinæ.

372. **Hendersonia crastophila** Sacc. Peritheciis sparsis innato-erumpentibus, globulosis, papillatis, atris.

1. *Phragmitis communis*: stylosporis bacillari-fusoideis, utrinque rotundatis, 35 ✕ $5^1/_2$, 7–8-septatis, eguttulatis, fuligineis.

2. *Cynodontis Dactyli*: stylosporis similibus, 35 ✕ 4.

Hab. in eorumdem culmis in agro Tarvisino, Aut. 1873–75.

373. **Hendersonia Donacis** Sacc. Peritheciis innato-erumpentibus, remote gregariis e globoso longitudinaliter compressis, ostiolo brevissimo, obtuso; contextu minute parenchymatico fuligineo; stylosporis cylindraceis utrinque obtuse rotundatis, 15–18 ✕ 5, 3-septatis, ad septa vix constrictis, fuligineis.

Hab. in culmis emortuis Arundinis Donacis Patavii, Martio 1875, socio *Lophiostomate hygrophilo* Sacc., quocum forte metagenetice connexa est.

Obs. Cum *Hend. donacina* Mtgn. non comparanda.

374. **Hendersonia pura** Sacc. Peritheciis remote gregariis subcutaneis, globoso-depressis, papillulatis atris; stylosporis ovato-oblongis, initio stipitellatis, continuis, hyalinis, dein 2-(raro 3-) septatis, 16–18 ✕ 7, loculis extimis subhyalinis medio v. mediis fuligineis, ad septa vix constrictis.

Hab. in caule putrescente Lilii candidi *a Selva*, Oct. 1874.

Obs. Ex hac sectione sunt quoque *H. elegans* Bk., *H. eustoma* Sacc., *H. arenaria* Sacc., *H. riparia* Sacc. jam enumeratæ.

B. In Dicotyledoneis parasiticæ

* Fructicolæ.

375. **Hendersonia lagenaria** Sacc. M. V. n. 99. Peritheciis gregariis, globulosis, majusculis, epidermide velatis, depresso-papillatis, hyphulis basi vestitis; stylosporis oblongo-fusoideis, initio stipitellatis, continuis, hyalinis, dein 3- (raro 2-) septatis, 20-22 ⋇ 7, fuligineis, loculis extimis paulo pallidioribus.

Hab. in epicarpio putri Lagenariæ vulgaris *a Padova*, Jan. 1876.

Obs. Verisimiliter *Sphæria mucosa* Kx Fland, I. 345 n. 48 (non Pers., nec Fckl.) huc spectat.

376. **Hendersonia fructigena** Sacc. Peritheciis sparsis erumpentibus e globoso depressis, papillulatis, contextu minute parenchymatico dilute fuligineo; stylosporis cylindraceis initio stipitellatis, 23-25 ⋇ 6, 3-septatis, ad septa leniter constrictis, minute guttulatis, dilute fuligineis, stipitibus stylosporâ brevioribus.

Hab. in ramis arescentibus Cerasi Patavii, Julio 1874, raro.

** Cladogenæ.

377. **Hendersonia Tecomæ** Sacc. peritheciis (genuinis? epidermide tumidula et nigrificata velatis, globosis, breviter papillatis; stylosporis ovato-oblongis, rectis v. curvulis, 8-11 ⋇ 5, initio continuis stipiteque brevissimo conico hyalino fultis, dein 3-septatis, non constrictis, dilute fuligineis.

Hab. in ramis Tecomæ radicantis *a Conegliano* Apr. 1776 (Spegazzini).

378. **Hendersonia Fiedleri** (Rabh.) West. - *H. Corni* Fckl., Sacc. Myc. Ven. p. 200.

Hab. in ramulis Corni sanguineæ *a Selva*, Aut. 1875, rarius.

Obs. Stylosporæ stipitatæ, oblongæ, 15-18 ⋇ 4, 3-septatæ, fuligineæ, loculo infero hyalino - *H. Fiedleri* in Rabh. F. E. n. 1847 est p. p. *Pestalozzia Veneta* * *P. tricuspis* Sacc.

379. **Hendersonia pulchella** Sacc. (*non* Myc. Ven.) – *H. macrospora* Sacc. Mycol Ven. 199, t. XVII f. 21 *non* Bk. & Br. Peritheciis innato-prominulis, globulosis, breviter papillatis, atris.

1. *Sambuci nigræ:* stylosporis elongato-fusoideis, rectis curvulisve, 7–9–septatis, 30 ⁎ 6, luteolis, dein obscurioribus.
2. *Galiorum:* stylosporis 7–septatis, 30 ⁎ 5, fuligineis.
3. *Saponariæ:* stylosporis 9–10–septatis, 40 ⁎ 5, olivaceo-fuligineis.
4. *Xylostei:* stylosporis 9–11–septatis, 45 ⁎ 4, fuligineis.
5. *Lychnidis dioicæ:* stylosporis 9–10–septatis, 45 ⁎ $4^1/_2$, fuligineis.

Hab. in eorumdem ramis in agro Tarvisino et Patavino, vere et aut. 1873-76.

Obs. Hend. pulchella Mycol. Ven. p. 200, ut monui, ad *H. macrosporam* B. & Br. spectat.

380. **Hendersonia Sambuci** Müll. (sec. esempl. Winteri in meo Herbario).

Hab. in ramis corticatis Sambuci nigræ *a Selva,* Sept. 1876.

Obs. Stylosporæ oblongo-fusoidæ, 10–12 ⁎ 3, 1–3–septatæ olivaceo-fuligineæ.

381. **Hendersonia quercina** Sacc. Peritheciis ligno immersis, globulosis, atris; stylosporis cylindraceo-oblongis, utrinqûe rotundatis, 16–18 ⁎ $3^1/_2$–4, rectis v. leniter curvis, initio continuis guttulatis; dein 3–septatis, non constrictis, olivaceo-fuscis, denique e perithecio expulsis lignumque olivaceo-fœdantibus.

Hab. in ligno putrescente quercino *a Selva,* Apr. 1873, rarius.

382. **Hendersonia Heraclei** Sacc. Peritheciis sparsis, subcutaneo-erumpentibus, globosis, majusculis papillatis, atris; stylosporis cylindraceis, utrinque rotundatis, 20–22 ⁎ 5, rectiusculis, initio 4–guttulatis, dein 3–septatis, non constrictis, olivaceo-lutescentibus.

Hab. in caulibus Heraclei Sphondylii putrescentibus *a Selva,* Oct. 1873, socio *Acrothecio caulium* Sacc. F. ital. t. 9 et Michelia I. 75.

383. **Hendersonia fusarioides** Sacc. M. V. n. 998.

Peritheciis e peridermio dealbato erumpenti-superficialibus atris, globulosis vel (collabescendo?) subcupularibus, epapillatis; stylosporis in basidiis ramosis furcatisve acrogenis, fusiformibus, 35–38 ⨯ 4–5, subinæqualibus, curvulis, 3–5–septatis, pallide fuligineo-olivaceis, loculis extimis hyalinis.

Hab. in cortice duriore Robiniæ Pseudacaciæ *a Conegliano,* Majo 1876 (Spegazzini).

Obs. Species *Hendersoniæ Arcu* B. & Br. cognata, at contextu fuligineo nec cœruleo, stylosporis subolivaceis, sæpius 5–septatis distincta. — *Sphæriam,* quam in prædicto N. 998 Mycoth. Venetæ cl. Cooke (Cfr. Grevillea, No. 37, p. 31) se observavisse notat, reperire non contigit. Tantum *Hendersoniam fusarioidem* vidi.

384. **Hendersonia sarmentorum** West., Sacc. Mycol. Ven. p. 200.

Sequentes formas in agro Tarvisino et Patavino observavi.

1. *Hederæ Helicis:* stylosporis ellipsoideis, 3-septatis, 10 ⨯ 5, fuligineis.
2. *Aceris campestris:* stylosporis ut supra, 12 ⨯ 4.
3. *Ailanthi glandulosæ* (in petiolis): stylosporis ut supra, 11 ⨯ 4.
4. *Lauri nobilis:* stylosporis ut supra, 10–12 ⨯ $4^1/_2$–5.
5. *Ampelopsidis hederaceæ:* stylosporis ut supra, 10–11 ⨯ 5.
6. *Salicis vitellinæ:* stylosporis ut supra, 10–12 ⨯ 4.
7. *Berberidis vulgaris:* stylosporis ut supra, 10–12 ⨯ 4–5.
8. *Populi nigræ* (in ligno): stylosporis ut supra 10–11 ⨯ 5.
9. *Jasmini officinalis:* stylosporis ut supra, 10–12 ⨯ 4–$4^1/_2$.
10. *Calycanthi floridi:* stylosporis ut supra, 12 ⨯ 4.

385. **Hendersonia Rubi** West. (ut var. *H. sarmentorum*).

Hab. in sarmentis Rubi fruticosi in Euganeis, Martio 1876.

Obs. Affinis *H. sarmentorum* West. sed stylosporæ 12–18 ⨯ 5–6, 3–septatæ, fuligineæ, loculo infimo pellucido.

386. **Hendersonia Desmazierii** Mtgn. (1848-19). *Steganosporium Platani* Preuss (1853) — Pycnid. *Massariæ Platani* Ces.

Hab. in ramis corticatis Platani orientalis *a Padova*, Aut. 1876.

Obs. I. Stylosporæ obovatæ 40 ∗ 20, olivaceæ, 4-nucleatæ, basidiis brevibus oblongis, conoideisve hyalinis fultæ.

Obs. II. Ex hac sectione sunt quoque *Hendersonia ichthyospora* Sacc. F. Magn. n. 18., *H. biseptata* Sacc. F. it. tab. 96 et *Hend. vagans* Fckl., Sacc. Mycol. Ven. p. 199.

*** Foliicolæ.

387. **Hendersonia foliorum** Fckl., Sacc. Mycol. Ven. p. 200.

Obs. Stylosporæ ovoideæ, 15 ∗ 7, 3-septatæ, olivaceæ, loculis extimis pallidioribus.

388. **Hendersonia Alcides** Sacc. Maculis foliorum arescendo candicantibus fusco-cinctis, subcircularibus; peritheciis epiphyllis punctiformibus, atris; stylosporis oblongo-ellipsoideis, utrinque rotundatis, 11 ∗ 6–7, 3-septatis, ad septa nonnihil constrictis, fuligineis.

Hab. in foliis Populi nigræ *a Vittorio*, Oct. 1873.

Obs. Affinis *Hendersoniæ pyricolæ* Sacc.

389. **Hendersonia rupestris** Sacc. & Sp. Maculis amphigenis subcircularibus, sinuosisque, arescendo candidis, fulvo-elevato-marginatis; peritheciis lenticularibus, punctiformibus, 100–110 micr. diam., late pertusis, contextu tenui membranaceo, celluloso, dilute fuligineo; stylosporis, oblongo-fusoideis, 17–22 ∗ $4^1/_2$–6, curvulis, 3-septatis, ad septum medium constrictis, dilute olivaceis.

Hab. in foliis Capparidis rupestris *a Susegana*, Oct. 1877 (Spegazzini).

390. **Hendersonia Dulcamaræ** Sacc. Maculis arescendo dealbatis, subcircularibus; peritheciis punctiformibus, paucis, lenticularibus, atris; stylosporis cylindraceis, 14 ∗ 4, rectiusculis, 3-septatis, non constrictis, olivaceis.

Hab. in foliis Solani Dulcamaræ *a Selva*, Aug. 1873.

391. **Hendersonia Magnoliæ** Sacc. Maculis arescendo candicantibus, irregularibus, brunneo-marginatis; peritheciis remote sparsis, punctiformibus, globoso-lenticularibus, diam. 150 micr., pertusis; stylosporis oblongo fusoideis, 12–15 ∗ 3–3½, utrinque acutiusculis, 3–septatis, non v. paululum ad septum medium constrictis, dilute olivaceis.

Hab. in foliis languidis Magnoliæ grandifloræ Tarvisii, Aug. 1874.

392. **Hendersonia corylaria** Sacc. Maculis amplis variis, arescendo subochraceis brunneo-cinctis; peritheciis punctiformibus, nigris; stylosporis obovatis, deorsum acutiusculis apice subrotundatis, 12 ∗ 7, 3–septatis, ad septa non (sed paululum tandem ad medios loculos) constrictis, dilute fuligineis.

Hab. in foliis languidis Coryli Avellanæ *a Selva*, Aug. 1874.

* **Hendersonia acericola** Sacc. Maculis subcircularibus, subochraceis: peritheciis lenticularibus, 80 micr. diam., pallide melleis; stylosporis oblongis, 8–10 ∗ 4, utrinque obtusiusculis, chlorinis, basidiis brevissimis suffultis.

Hab. in foliis Aceris campestris *a Selva*, Sept. 1877.

Obs. Ex hac sectione sunt quoque *Hend. Torminalis* Sacc. M. V. n. 513, F. Ven. Ser. V. 207, *H. Oleæ* (DC.) Dmz., Sacc. F. Ven. Ser. V. 207, et *H. pyricola* Sacc. F. Ven. Ser. II n. 30 et Ser. V. p. 207 et in Rabh. F. E. n. 2155.

Melanconieæ Cda, em. Bk.

Glœosporium Dmz. & Mtgn. in Syll. Crypt. p. 195.

* *Euglœosporium:* conidiis continuis.

393. **Glœosporium sphærelloides** Sacc. M. V. n. 1096., F. it. t. 85., Michelia I. pag. 92.

Obs. Conidia ovato-oblonga, 10–12 ∗ 5–6, basidiis longis septulatis suffulta.

394. **Glœosporium affine** Sacc. M. V. 972., Fung. novi Magn. n. 37.

Obs. Conidia cylindracco-oblonga, 14–20 ✶ 4–6, basidiis brevibus continuis. Ab hoc probabiliter vix differt *Gl. cinctum* B. & C. (Grev. n. 25 p. 13).

395. * **Glœosporium macropus** Sacc. A *G. affine* recedit basidiis filiformibus multo longioribus, nempe 40–60 ✶ $2^1/_2$–4, quandoque sub-ramulosis visis; conidiis oblongis, curvulis, 15–20 ✶ 4–5, granulosis, hyalinis.

Hab. in foliis Hoyæ carnosæ in Horto Patavino, Oct. 1876.

396. **Glœosporium fructigenum** Bk., Sacc. F. Ven. novi vel cr. Ser. V. 202.

Obs. Conidia oblonga, subinæqualia, 20–30 ✶ 5–6, basidiis subæquilongis, continuis suffulta.

397. **Glœosporium Lindemuthianum** Sacc. & Magnus in Sacc. Fungi novi Magnusiani n. 36.

Obs. Conidia oblonga, 16–19 ✶ $4^1/_2$–$5^1/_2$, basidiis duplo longioribus continuis suffulta.

398. **Glœosporium tubercularioides** Sacc. Fungi novi Magnus. n. 40.

Obs. Conidia ovato-oblonga, 12–15 ✶ 5–7, basidiis breviusculis simplicibus, ramosisque suffulta.

399. **Glœosporium alpinum** Sacc. Fungi Magnus. n. 39.

Obs. Conidia oblongo-cylindracea, 14–15 ✶ 3–4, basidiis brevibus oblongis suffulta.

400. **Glœosporium ampelophagum** (Pass.) Sacc., Vajolo d. viti in «Riv. Vitic. ed Enol. ital.» 1877 p. 494 – *Ramularia ampelophaga* Pass. – *Phoma uvicola* Arcang. p. p., non B. & Br. Maculis seu pustulis subcircularibus, sæpe confluentibus, baccarum epidermidem strataque corticalia occupantibus et arescendo indurantibus atque rufo– vel fuligineo-nigrificantibus, ad centrum (e conidiis exsilientibus) griseo– vel roseo-pruinosis; acervulis sub epidermide nidulantibus minutis dense gregariis, strato proligero pulvinato minute parenchymatico, hyalino v. dilute fumoso, cellulis superficialibus vertice breve apiculato sporigeris; conidiis ex oblongo ellipsoideis v. ovoideis, 5–6 ✶ $2^1/_2$–$3^1/_2$, 2–guttulatis, hya-

linis, mox acervatim erumpentibus pustulæque superficiem conspergentibus.

Hab. in baccis plurium varietatum, præcipue fructu albo, Vitis viniferæ, quas maculat, deformat, corrumpit in toto agro Veneto, copiosius in planitie, Aest. et Aut. 1877. Formam in foliis ramulisque Vitis degentem, a Passerinio descriptam, ipse quoque nuperius legi *a Selva* et *a Vittorio*, sed parcissime.

Obs. In iisdem *Glœosporii* pustulis quandoque observavi *Fusisporium Zavianum* Sacc. F. ital. t. 44 nec non *Tuberculariam ampelophilam* Sacc. Vaj. Vit. l. c. p. 494, utrumque probabiliter cum *Glœosporio* metagenetice conjunctum.

401. **Glœosporium Platani** (Mtgn.) Oud., *Fusarium Platani* Mtgn., *Fusarium nervisequum* Fckl.

Hab. in pag. inferiore foliorum Platani orientalis Patavii, Aestate 1876 et Aut. 1877.

Obs. Conidia obovato-pyriformia, 14–15 ≈ 5–6, minute pluriguttulata, hyalina, basidiis filiformibus, 5–6 micr. lgs fulta.

402. **Glœosporium Fagi** West. Not. VII. p. 12. (ante 1859), Oudem. Mat. Myc. Néer. II. p. 29 t. X. fig. 15. *Glœosp. exsiccans* Thm. Symb. Mycol. Austr. I. n. 7 (1877), *non Glœosp. Fagi* Fckl. Symb. App. I. 52 (1871), quod *Glœosporium Fuckelii* nomine jure meritoque salutandum.

Hab. in pag. inferiore foliorum Fagi sylvaticæ in Horto Patavino, Oct. 1877 (G. Bizzozero).

Obs. Maculæ subcirculares in foliorum pagina superiore fuscescentes, in pagina inferiore olivaceo-virentes. Acervuli minuti, prominuli, submellei. Conidia oblongo-ovoidea, rarius subrhombea, 15–20 ≈ 7–8, minute 2–3-guttulata, hyalina, basidiis fasciculatis, cylindraceis, conidii dimidiam longitudinem subæquantibus, suffulta.

403. **Glœosporium Tiliæ** Oud. Mat. Myc. Néer. II. 31. t. X, f. 20.

Hab. in foliis Tiliæ grandifoliæ Patavii, Oct. 1876.

Obs. Conidia continua ovoideo-oblonga, 12–15 × 5 –7, nubilose hyalina.

404. **Glœosporium Robergei** Dmz., Sacc. Fungi Ven. Ser. V. 202.

Obs. Conidia ellipsoideo-oblonga, 12–15 × 9, dilutissime fumosa.

405. **Glœosporium Orni** Sacc. Maculis variis arescendo subochraceis fusco-cinctis; acervulis subcircularibus epidermide (pseudo-perithecio) nigrificata, dein rimose (?) dehiscente velatis; conidiis oblongis utrinque acutatis, 7–8 × 3, stipitellatis, ad medium subconstrictis, 2–nucleatis, hyalinis.

Hab. in pag. super. folior. Fraxini Orni *a Covolo,* Aug. 1874.

406. **Glœosporium Ribis** (Lib.) Mtgn. & Dmz., Sacc. M. V. n. 523 et F. Ven. Ser. V. 202.

Obs. Conidia oblonga, curvula, 10 × 5–6, apice subrostrata hyalina.

407. **Glœosporium paradoxum** (DNtrs) Fckl. Symb. p. 277. *Myxosporium paradoxum* DNtrs Micr. ital. II. 10.

Hab. in foliis Hederæ Helicis, socio statu ascoph. *Trochila Craterio,* (DC.) Fr., æstate 1877.

Obs. Acervuli succinei, epidermide velati, amphigeni. Conidia ovoidea, basi subtruncata, 8 × 5–6, hyalina, basidiis cylindraceis, 12–15 × 6, fasciculatis, hyalinis suffulta.

408. **Glœosporium tineum** Sacc. M. V. n. 973. Maculis arescendo pallidis, variis; acervulis hypophyllis, subochraceis, epidermide velatis; conidiis cylindraceis curvatis, 20–25 × $2^1/_2$–$3^1/_2$, guttulatis hyalinis, basidiis filiformibus 15 lgs, fuscidulis suffultis.

Hab. in foliis Viburni Tini *a Selva,* Aug. 1876.

409. **Glœosporium Populi albæ** Dmz. XXIV Not. (1857) p. 3. – *Leptothyrium circinans* Fckl. – *Glœosporium Tremulæ* Pass. in Rabh. F. E. n. 1880 – *Gl. circinans* (Fckl.) Sacc. M. V. n. 966.

Hab. in pag. sup. foliorum Populi albæ *a Vittorio,* Oct. 1875.

Obs. Conidia cylindraceo-fusoidea, 12–14 ⋆ $2^1/_2$–3, hyalina.

410. **Glœosporium cylindrospermum** (Bonord.) Sacc. M. V. n. 969. *Leptothyrium cylindrospermum* Bon., Fckl. Symb. 120.

Hab. in pag. superiore foliorum Alni glutinosæ *a Selva*, Oct. 1876.

Obs. Conidia cylindraceo-fusoidea 10–15 ⋆ $2^1/_2$–3, recta v. leniter curva hyalina.

411. **Glœosporium Carpini** (Lib.) Dmz., Sacc. M. V. n. 524., F. Ven. Ser. V. 202.

Obs. Conidia cylindrica, falcata, 10–15 ⋆ $^1/_2$, hyalina.

** *Marsonia* Fisch.: conidiis 1–septatis.

412. **Glœosporium Populi** (Lib.) Mtgn. & Dmz., Oud. Mat. Neer. II. 29, t. X, f. 17. – *Leptothyrium Populi* Lib. Ard. 257., Dmz. Pl. crypt. XIII Not. (1846) p. 67. – *Asteroma labes* Bk. – *Glœosporium labes* B. & Br., Cooke Hndb. 474. – *Glœosp. Berkeleyi* Mtgn. Ann. Sc. nat. 1849 XII. 296.

Hab. in pagina superiore foliorum Populi nigræ *a Selva*, Aug. 1877.

Obs. Conidia subpyriformia, 20 ⋆ 12, 1–septata, hyalina. – *Glœosporium Castagnei* Mtgn. Syll. 195 huic valde affine videtur.

413. **Glœosporium Juglandis** (Lib.) Mtgn. M.V. n. 522 (f. *Jugl. regiæ*) et n. 967 (f. *Jugl. nigræ*), Fungi Ven. Ser. V. 202.

Obs. Conidia fusoidea, 20–25 ⋆ 5, incurva, apice subrostrata, 1–septata, hyalina.

414. **Glœosporium Potentillæ** Dmz. & Oud., *Phyllosticta Potentillæ* Dmz. (1847), *Leptothyrium Dryadearum* Dmz., *Septoria Potentillarum* Fckl., *Marsonia Potentillæ* Fisch in Rabh. F. E. n. 1857. – Stat. spermog. *Venturiæ Potentillæ* (Sow.) Sacc. M. V. n. 694.

Obs. Conidia oblongo-fusoidea, 22 ⋆ 8, falcata, apice subrostrata, 4-guttulata, hyalina.

415. **Glœosporium Thomasianum** Sacc. Fungi novi Magnus. n. 38.

Obs. Conidia ovato-oblonga, constricto-didyma 25–30 ∗ 12–15, hyalina.

416. **Glœosporium Pisi** (Lib). Oud. Contrib. mycol. I, 19 & 33., *Ascochyta Pisi* Lib., *Ascospora Pisi* Fckl., *Septoria Leguminis β Pisi* Kx.

Hab. in leguminibus Pisi sativi *a Conegliano*, Iunio 1876 (Spegazzini).

Obs. Conidia oblonga, 1-septato-didyma, 14–16 ∗ 6, hyalina.

417. **Glœosporium truncatulum** Sacc. M. V. n. 971. Maculis arescendo ochraceis, variis; acervulis gregariis hypophyllis e rotundo angulosis, fulventibus vix prominulis; conidiis obovoideis, 8–10 ∗ 4–5, 1-septatis, loculo superiore crassiore, inferiore truncato, viridulis.

Hab. in foliis languidis Aceris Negundinis *a Conegliano*, Majo-Iunio 1876 (Spegazzini), nec non Aceris campestris *a Selva*, Sept. 1877.

Obs. Suspicor speciem hanc eamdem esse ac *Didymosporium Aceris* (Lib.) Mtgn. h. e. *Cheilaria Aceris* Lib. seu *Ascochyta Aceris* (Lib.) Fckl. Sec. Hoffm. Ind. 49 cum hac specie quoque synonyma sunt *Depazea Aceris* Dmz., *Dep. acericola* Dmz., *Sphæria acericola* Duby; exemplaria vero et descriptio completa mihi desunt. *Phyllosticta destruens* f. *Negundinis* Thüm. F. A. n. 1284 (nec Dmz.) huc pertinet.

*** *Septoglœum:* conidiis 2-pluriseptatis.

418. **Glœosporium carthusianum** Sacc. M. V. n. 970, Fungi ital. tab. 86 et Michelia I. 93.

Obs. Conidia oblongo-cylindracea, 30 ∗ 9–12, 2-septata, hyalina.

FUNGI COPROPHILI VENETI

AUCTORE

CAROLO SPEGAZZINI

PUGILLUS I.

Pyrenomycetes.

SPHÆRIACEÆ Fr. em.

Phæosporæ Sacc.

Chætomium Kze.

1. **Chætomium comatum** (Tod.) Fr., Sacc. Myc. Ven. Spec. pag. 91. var. **helicotrichum**; a typo setis sursum circinatis recedit, quo charactere ad *Ch. murorum* Cda vergit.

   Hab. in fimo vaccino *a Selva*, Oct. 1877.

2. **Chætomium stercoreum** Speg. Peritheciis dense gregariis v. hinc inde sparsis, superficialibus v. subimmersis, ovoideo-pyriformibus, undique setis strigosis, ad verticem longioribus atque densioribus vestitis, perithecii contextu laxe parenchymatico fuligineo; setis basi bulboso-incrassatis, primitus ubique muriculatis dein lævibus, remote septulatis, fuligineis sursum pallidioribus; ascis oblongo-ellipsoideis, apice acutato-rotundatis, deorsum stipitato-attenuatis, part. sporif. 60–70 ⋇ 16–22, stipite 40–50 ⋇ 7–8, octosporis; sporidiis limoniiformibus utrinque acutiusculis, primitus 8–9 ⋇ 6–7, tandem 15 ⋇ 10, jugiter hyalinis, luce refracta centro dilutissime chlorino-nucleatis, lævibus.

   Hab. in stercore canino udo *a Conegliano* et *Vittorio*, Sept. Oct. 1877.

   Obs. Sporidiis jugiter hyalino-chlorinis species prædistincta et propter hoc a genere desciscens.

Sordaria Ces. & DNtrs.

* Sporidiis exappendiculatis, muco obvolutis.

A. Sporidis monostichis v. submonostichis.

a. Ascis octosporis.

3. **Sordaria humana** (Fckl.) Awd., Wint. Sord. p. 21. *Sphæria humana* Fckl. Rhen. n. 1801. *Hypocopra humana* Fckl. Symb. Myc. 241.

Hab. in stercore humano putrescente *a Conegliano*, Aut. 1877.

Obs. Perithecia ovoideo-pyriformia, vertice acutata, inque ostiolum abrupte truncatum, umbilicatum desinentia, 280–380 diam., nunc subsolitaria, nunc dense gregaria, modo superficialia, modo semiimmersa, primitus ob hyphas conidiophoras velutino-cinerea, dein atro-ubique tuberculata; contextu membranaceo, laxe parenchymatico fuligineo, circa ostiolum densiore, atro. Asci cylindracei breve crassiuscule stipitati, initio apice rotündati, dein truncati, lumineque unifoveolato, octa, spori, 180–200 ⁎ 20–25. Sporidia monosticha, subsphærica, v. ellipsoidea, 20–25 ⁎ 10–15, primo hyalina, dein fusco-flavida, tandem penitus opaco-fuliginea, guttulâ ocellatâ, majusculâ instructa, muco facillime solubili obvoluta – Hyphæ conidiophoræ (*Sporotrichum humanum*) perithecia juvenilia obtegentes, repentes, ramosæ confluentesque, 4 micr. cr., remote septulatæ dilute fuligineæ, hinc inde assurgentes apiceque conidia oblonga v. ovoidea, 6–7 ⁎ 5–6$^1/_2$, hyalina, raro 2–guttulata gerentes – In peritheciorum vicinia observavi *Fusarii* speciem (an *Sordariæ* statum macroconidicum?), sic definiendam: *Fusarium rostratum* Spcg. Acervulis minutis versiformibus, 80–100 micr. diam., superficialibus, dilute flavido-roseis; conidiis in sterigmatibus brevissimis (10–15 ⁎ 2–2$^1/_2$) simplicibus ex hyphis repentibus fasciculatim oriundis, acrogenis, fusoideis, 2–3–septatis, non constrictis, 30–50 ⁎ 4$^1/_2$–6, loculo imo valde elongato rostriformi, e hyalino dilute aurantiacis.

4. **Sordaria fimicola** (Rob.) Ces. & DNtrs, Sacc. F. Ven. Ser. VI, p. 26. *Sphæria equina* Fckl. Rhen. n. 1802. *Hypocopra stercoraria* Fckl. Symb. myc. 241. *Sordaria conferta* Awd. Mspt.

Hab in fimo vaccino, equino et canino *a Conegliano* et in leporino *a Selva*, Aut. 1876–77.

Obs. Perithecia subglobosa, vertice acutata, inque ostiolum breve crassumque desinentia, 300–360 cr. 400–450 alt., dense gregaria, primo immersa dein semiimmersa v. superficialia, hyphis raris repentibus cincta, lævia, atra, contextu parenchymatico, membranaceo, fuligineo, circa ostiolum densiore, atro. Asci cylindracei, apice vix attenuati, obtusiuscule rotundati, lumine uni-foveolati, 230–260 ✶ 25–28, breve crassiuscule stipitati pseudoparaphysibus raris obvallati, octospori. Sporidia monosticha, subsphærica v. ellipsoidea, 30–32 ✶ 20 –22, primo hyalina, dein sordide flava, tandem opace fuliginea, strato mucoso hyalino perexiguo facillime solubili obvoluta – Hyphæ conidiophoræ (*Sporotrichum fimicola*) perithecia juvenilia obducentes, ramoso-connexæ, 3–4 micr., remote septulatæ, dilute fuligineæ, hinc inde adsurgentes apiceque conidia oblongo-cylindracea, 15–16 ✶ 6, raro 2-guttulata, hyalina gerentes.

5. **Sordaria merdaria** (Fr.) Awd., Wint. Sord. p. 13. *Sphæria merdaria* Fr. Elench. II. 100. *Coprolepa merdaria* Fckl. Symb. 240.

Hab. in fimo ovino exsiccato *a Conegliano*, Sept. 1877.

Obs. Perithecia totaliter immersa, majuscula, globosa, 700–800 diam., extus albido-grisea, subtomentosa, nucleo atro-fuligineo mucoso; ostiolo cylindraceo brevi matricis superficiem attingente et circum circa zona atra stromatica cincto. Asci cylindracei, apice obtusiuscule rotundati, 220 ✶ 25–32, subsessiles sinuosi, paraphytibus filiformibus remote septulatis, duplo longioribus obvallati, octospori. Sporidia oblongo-ellipsoidea, utrinque obtusiuscula, 36–40 ✶ 20–22, primo hyalina, dein sordide flava, tandem fuliginea (raro simulate 1–septata) strato hyalino mucoso persistente obvoluta.

** Sporidiis appendiculatis, strato mucoso destitutis.

§ Ascis 4–8–sporis

A. Sporidiis monostichis v. subdistichis.

a. Ascis octosporis.

6 **Sordaria leucotricha** Speg. Peritheciis gregariis, superficialibus, globosis, 250–350 micr. diam., pilis longissimis, remote septatis, 3–4 micr. cr. oblongo-hyalinis obvolutis; ostiolo vix prominulo late pertuso; contextu tenui-membranaceo, parenchymatico, flavo-fuscidulo; ascis cylindraceis apice obtuse rotundatis, breve stipitatis, 210–220 ⁎ 20–25, aparaphysatis, octosporis; sporidiis oblique monostichis subsphæricis v. ellipsoideis, 30–32 ⁎ 18–28, late fuligineis, crasse subhyalino–1–nucleatis, caudâque conicâ sæpe curvulâ, 7–8 ⁎ 5, auctis.

Hab. in ramulis putridis Sambuci nigræ *a Conegliano*, Sept. 1877.

7. **Sordaria lanuginosa** (Pr.) Sacc. Fung. Ven. Ser. VI. p. 26.

Hab. in caulibus ramisque putridis Helianthi, Saponariæ, Ulmi et Sambuci *a Selva* et *Conegliano,* aut. et æst. 1876 (Saccardo & Spegazzini).

Obs. Perithecia majuscula, globoso-conoidea, sæpe curvula, vertice subtruncata, sordide griseo-tomentosa, superficialia. Asci cylindracei, 200–220 ⁎ 25–26, apice obtuse rotundati, octospori; sporidia oblique monosticha, ovato-ellipsoidea, 40–50 ⁎ 24, opace fuliginea, utrinque v. basi tantum caudâ hyalinâ deciduâ aucta.

8. **Sordaria curvula** de Bary, Sacc. Fungi Ven. Ser. VI. p. 26.

Hab. in fimo vaccino et equino *a Selva, Conegliano, Vittorio*, Aut. 1876–77.

Obs. Tuberculi peritheciorum distincte papillati. Asci cylindracei longe stipitati, 180–200 ⁎ 18–22, apice rotundati, octospori. Sporidia ellipsoidea, 22–25 ⁎ 14, opace fuliginea, caudâ hyalinâ cylindricâ curvulâ aucta.

b. Ascis tetrasporis.

9. **Sordaria anserina** (Rabh.) Wint. Sord. 35., Sacc. F. Ven. V. p. 178. *Malinvernia anserina* Rabh. *Hypocopra anserina* Ces. in litt.

Hab. in stercore anserino nec non ovino, vaccino et equino *a Conegliano,* cuniculorumque *a Selva,* Aut. 1876–77, frequens.

Obs. Perithecia semiimmersa, majuscula, globoso-conoidea, hyphis repentibus conidiophoris basi cincta, verticeque setis rigidulis ex hyphis coalitis fuligineis instructa; contextu parenchymatico fuligineo, in forma *anserina* subcarbonaceo, in forma ovina et equina submembranaceo. Asci fusoideo-clavati part. spor. 160–180 ⁎ 30–32, stip. 110–115 ⁎ 8–9, tetraspori. Sporidia monosticha ovato-ellipsoidea, obtusiuscula, 40–42 ⁎ 21, opace fuliginea, caudâ hyalinâ, 35–5, donata.

B. Sporidiis distichis.

a. Ascis octosporis.

10 **Sordaria fimiseda** Ces. & DNtrs. Wint. Sord. p. 25. *Podospora fimicola* Ces., *Cercophora fimiseda* Fckl.

Hab. in fimo equino *a Colfosco* et vaccino *a Conegliano,* Sept. 1877.

Obs. Pulcherrima species. Perithecia superficialia ovoideo-conica, majuscula, undique pilis fuligineis sursum pallidioribus, 80–100 ⁎ 5, vestita; contextu membranaceo. Asci longiuscule stipitati, oblongo-fusoidei, apice acutiusculi, p. sp. 350–400 ⁎ 70–80, stip. 150–200 lgo. Sporidia octona plerumque disticha, interdum tamen deorsum monosticha, elliptico-ovata, 60–70 ⁎ 30–36, basi duabus caudis hyalinis ornata, altera cylindraceo-clavulata, 55 ⁎ 5, persistente, altera vero fusoidea tortuosa, 100 ⁎ 10, facillime decidua.

Quandoque cauda tertia in apice sporidiorum accedit, cylindraceo-circinata, 100–120 ⁎ 15, hyalina.

11. **Sordaria decipiens** Wint. Sord. p. 28. *S. lanceosperma* Fckl. in litt.

Hab. in fimo vaccino *a Conegliano* et cuniculorum *a Selva*, Aut. 1877.

Obs. Perithecia semiimmersa v. immersa, quandoque hyphis fuligineis, continuis, 4 micr. cr. cincta, ostiolo longe exerto. Asci oblongo-fusoidei, p. spor. 160–200 ⋇ 45–50, stipitati, stip. 80–100 lgo, vertice obtuse attenuati. Sporidia elliptico-ovoidea, 38–43 ⋇ 20–26 opace fuliginea, basi caudâ cylindro-clavulatâ, 40 ⋇ 8, lobulatâ instructa, apice caudiculis duabus, subliberis perfecte circinatis, indeque sæpius unicam simulantibus ornata.

12. **Sordaria coprophila** Ces. & DNtrs., Wint. Sord. p. 26. *Sphæria coprophila* Fr. S. M. II. 342. *Hypoxylon coprophilum.* Fr. Summa 384, *Cercophora mirabilis* Fckl. Symb. myc. 245.

Hab. in fimo vaccino nondum exsiccato *a Conegliano*, Aut. 1876–77.

Obs. Asci longe stipitati, cylindraceo-fusoidei, p. s. 150-180 ⋇ 20, stip. 80–100 lgo, vertice abrupte truncati, paraphysati, octospori. Sporidia disticha, ovata, 22–24 ⋇ 12–16, opace fuliginea, caudâ longâ, 40–50 ⋇ 5, ornata. Sporidia matura in ascis numquam vidi, sed semper cylindracea, 60–65 ⋇ 5, hyalina, quandoque extra ascos spurie 1–septata, talia tamen imperfecte matura.

§§ Ascis polysporis.

13. **Sordaria zygospora** Speg. Peritheciis gregariis superficialibus, v. basi fimo insculptis, ovato-pyriformibus 400–450 alt., 200–220 cr., in collum breve truncatum desinentibus, undique hyphis fuligineis, 3 micr. cr. non septatis strigose vestitis; contextu parenchymatico atro-fuligineo; ascis cylindraceis, 300 ⋇ 40, deorsum longiuscule attenuato-stipitatis, vertice obtuse rotundatis, crassiuscule tunicatis, paraphysibus filiformibus obvallatis, duodecim-sporis; sporidiis distichis, ovato-ellipsoideis, basi truncatulis, 40 ⋇ 20–25, opace fuligineis, interdum 1–2-guttatis, filamento longissimo, 70–100 ⋇ 5–6, hyalino, vermiculari, subtortuoso, per paria longitudinaliter connexis.

Hab. in fimo vaccino vetusto udo *a Conegliano*, Sept. 1877, rarissime.

Obs. Forma prædistincta atque singularis, a ceteris deflectens. Filamentum quandoque utrinque fuscidulum.

14. **Sordaria plejospora** Wint. Sord. p. 29. *S. Langei* Fckl. in litt.

Hab. in fimo equino *a Colfosco* et cuniculorum *a Selva*, Sept. 1877.

Obs. Contextus peritheciorum tenuissime membranaceus, fusco-fuligineus. Asci magni oblongo ovoidei, saccati, p. s. 300 ✶ 65–70, stipitati stip. 100–110, lgo, apice attenuati, 40–60-spori. Sporidia opace atro-fuliginea, ovoideo-limoniiformia, 32–35 ✶ 15–20, initio basi caudâ hyalinâ, 15 ✶ 5, aucta, apice appendiculâ deciduâ, 45 ✶ 7–8, donata, dein mutica.

15. **Sordaria setosa** Wint. Sord. p. 33.

Hab. in fimo vaccino et equino *a Conegliano* et *Colfosco* et cuniculorum *a Selva*, Sept. 1877.

Obs. Perithecia immersa e globoso pyriformia, majuscula in ostiolum crassum, breve et circum circa undique penicillato-setulosum producta. Asci fusoideo-subnaviculares, in stipitem brevem attenuati, apiceque acutati, 300 ✶ 70–75, aparaphysati, 100–128-spori. Sporidia ellipsoidea, 25 ✶ 15, opace fuliginea, caudis duabus deciduis hyalinis ornata, inferiore longissima, 55 ✶ $2^1/_2$, superiore parvula, 15 ✶ $2^1/_2$, curvulaque.

16. **Sordaria curvicolla** Wint. Sord. p. 34.

Hab. in fimo cuniculorum *a Selva*, Sept. 1877.

Obs. Asci ovato-saccati, 250–300 ✶ 100, vertice obtusati, basi breve crassoque attenuato-stipitati, paraphysati 100–140-spori. Sporidia ellipsoidea, 14–18 ✶ 9–12, atro-cyanea dein opace fuliginea, caudâ minusculâ, 10–15 ✶ $2^1/_2$–$3^1/_2$, hyalinâ aucta.

Rosellinia DNtrs.

17. **Rosellinia Winteriana** Speg. Peritheciis superficialibus v. basi tantum immersis, subglobosis, ostiolo parvulo conoideo, undique glabris, 200–250 micr. diam.;

contextu subcarbonaceo atro-fusco; ascis cylindraceis, vertice rotundatis, 140 ≈ 10–14 (p. s. 80–90 ≈ 10–14, stip. 50–60 lgo) basi attenuato-stipitatis, paraphysibus subclavulatis obvallatis, octosporis; sporidiis oblique monostichis, ellipsoideis v. saepius subnavicularibus, 12–14 ≈ 7–8, utrinque rotundatis, opace atro-fuligineis, guttulatis.

Hab. in fimo o v i n o vetusto in pratis *a Conegliano*, Oct. 1877.

Obs. Etsi fimicola potius *Rosellinia* quam *Sordaria* videtur.

Didymosporæ Sacc.

Sphærella Ces & DNtrs.

18. **Sphærella Karsteniana** Speg. Peritheciis superficialibus, v. basi tantum immersis, lenticularibus 80–100 micr. diam., membranaceis, ostiolo impresso pertusis, fuligineis, circa ostiolum nigricantibus; ascis oblongo-fusoideis, deorsum incrassatis, 70–75 ≈ 20, subsessilibus, vertice acutiuscule rotundatis crasseque tunicatis, aparaphysatis, octosporis; sporidiis di-polystichis, fusoideis, 20–25 ≈ 8, constricto–1–septatis, utrinque acutiusculis, 2–4–guttulatis, hyalinis.

Hab. in c h a r t a stercorata putrescente *a Conegliano*, Sept. 1877.

Delitschia Awd.

19. **Delitschia Winteri** Plowr. Brit. Fung. in Grev. II. p. 188, t. 25, fig. 1.

Hab. in fimo v a c c i n o *a Selva* et o v i n o *a Conegliano*, aut. 1877.

Obs. Perithecia semiimmersa, v. immersa, ostiolo cylindraceo, crassiusculo, curvulo, tuberculato, apice truncato. Asci cylindracei, deorsum breve attenuato-stipitati, 450 ≈ 65–70, apice rotundati, paraphysibus septulatis hyalinis obvallati, octospori. Sporidia oblique monosticha, oblonga, constricto–1–septata, 65–75 ≈ 35, utrinque ro-

tundat., primo flava, dein opace fuliginea, strato gelatinoso crasso obvoluta.

Phragmosporæ Sacc.

Sporormia DNtrs.

20. **Sporormia minima** Awd. in Hedw. 1868, p. 66, t. I, fig. III. Karst. Mycol. Fenn. II. 110. Sacc. Fungi Ven. Ser. V. 176.

Hab. in fimo vaccino, ovino, equino *a Selva* et *Conegliano*, Aut. 1876–77.

Obs. Perithecia globoso-lenticularia semiimmersa, exigua. Asci cylindracei, 80 ≈ 20–22, subsessiles, deorsum abrupte breve attenuati, apice obtuse rotundati, octospori. Sporidia recte v. oblique disticha, cylindracea, 36 ≈ $6^1/_2$–7, tetramera, in articulos 7–8 ≈ $6^1/_2$–7, opace fuligineos facillime secedentia, strato gelatinoso exiguo obvoluta.

21. **Sporormia intermedia** Awd. in Hedw. 1868 p. 67, t. I, fig. IV. Karst. Myc. Fenn. II. 110, Sacc. Fungi Ven. Ser. V. 176.

Hab. in fimo equino, vaccino, asinino, ovino, caprino *a Selva, Conegliano, Fregona* &c. Aut. 1876–77.

Obs. Perithecia semiimmersa, globosa in ostiolum breve truncatumque producta. Asci cylindracei, 115–125 15 ≈ 17, deorsum breve attenuato-stipitati, apice rotundati, octospori. Sporidia disticha, cylindracea, 42–45 ≈ 6, tetramera in articulos, 8 ≈ 6, opace fuligineos facillime secedentia, strato hyalino obvoluta.

* **S. grandispora** Speg. Peritheciis immersis v. semiimmersis, globosis, ostiolo minuto conoideo instructis; ascis cylindraceis, stipitatis, totis 180–200 ≈ 30–35, stipite 35–40 lgo apice rotundatis, crassiuscule tunicatis, aparaphysatis, octosporis; sporidiis distiche v. oblique monostichis, cylindraceis, 60–65 ≈ 12–15, tetrameris, opace fuligineis strato hyalino crassiusculo obductis, mox in articulos subcuboideos, 15 ≈ 12–15 secedentibus.

Rosellinia protuberans Karst. Mycol. Fenn. II, 49
Mich. I, 371.

Per. gregaria, ligno basi insculpta, amphi-sphaeroidea, initio furfure griseo obducta. Asci cylindrici, 110 × 5-6, p.s. 60-65 × 5-6, apice lumine integro vix [illegible], pseudo paraphysibus guttulatis obvallati; sporidia oblique monosticha, navicularia, 8-10 × 4-5, utrinque acutiuscula, 2-guttulata, fuliginea.

Hab. in ligno putri decorticato Corni sanguineae in sylva Mustiala, aut. 1877.

FUN

1.

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vace

Hab. in fimo ovino vetusto *a Selva* et *Conegliano*, Sept. 1877.

22. **Sporormia lageniformis** Fckl. Symb. myc. 242 et Fung. rhen. n. 2270.

Hab. in fimo ovino *a Conegliano* et caprino *a Fregona*, Aut. 1877.

Obs. Perithecia immersa, ovoideo-pyriformia, ostiolo ad medium valde obeso apiceque coarctato exerto, fructus *Lagenariæ* exacte æmulantia. Asci cylindracei deorsum longiuscule attenuato-stipitati, apice obtusiusculi, 180–210 ✶ 18–20, quandoque medio dehiscentes atque sporidia dejicientes. Sporidia cylindracea, 45–46 ✶ 7–8, tetramera, opace fuliginea, strato hyalino exiguo obducta, mox in articulos, 10–11 ✶ 8 secedentia.

23. **Sporormia gigaspora** Speg. Peritheciis penitus immersis, majusculis, in ostiolum brevissimum truncatumque matricis superficiem attingens desinentibus; ascis cylindraceis deorsum breve attenuato-stipitatis, 210–230 ✶ 45–50, apice obtuse rotundatis, paraphysibus septato-torulosis crassis obvallatis, octosporis; sporidiis distichis v. monostichis, cylindraceis, 95–100 ✶ 22-25, primo flavis dei opace fuligineis, strato hyalino crassissimo obvolutis, tetrameris, in articulos, 25–30 ✶ 20–25, subcuboideos, extimos vero conoideos mox secedentibus.

Hab. in fimo ovino vetusto in pratis *a Conegliano*, et *a Fregona*. Sept. 1877.

24. **Sporormia gigantea** E. Ch. Hansen Fungi fimic. danic. p. 16 cum icone.

Hab. in fimo ovino vetusto in pratis udis *a Conegliano*, Sept. 1877.

Obs. Perithecia majuscula, superficialia ovoideo-pyriformia, in collum breve acutiusculum attenuata. Asci cylindracei deorsum breve attenuato-stipitati, 300–350 ✶ 55–60, apice acutiuscule rotundati, paraphysibus filiformibus remote septulatis obvallati, octospori. Sporidia disticha, cylindracea, 130–160 ✶ 25–30, tetramera, opace fuliginea, strato hyalino crasso obvoluta, loculis oblongo-cylindraceis, 35–40 ✶ 25–30, extimis conoideis.

Dictyosporæ Sacc.

Pleospora Rabh.

25. **Pleospora pallida** Sacc. & Speg. Peritheciis sparsis, primo tectis dein erumpenti-superficialibus, lenticularibus, diam. 150–200 micr., ostiolo minuto subimpresso; contextu laxe parenchymatico fuligineo, circa ostiolum obscuriore; ascis obclavatis 70–110 ≈ 35–55, sursum attenuato-rotundatis, subsessilibus, vertice crasse tunicatis, aparaphysatis, octosporis; sporidiis elliptico-fusoideis, 45–50 ≈ 20, distichis v. subtristichis 5–septato-muriformibus, ad septa vix constrictis, loculis guttulatis, dilutissime chlorinis.

Hab. ad folia putrida Plantaginis lanceolatæ fimo suino obvoluta *a Selva*, Sept. 1877.

Hypocreaceæ DNtrs.

Nectria Fr.

26. **Nectria Pezicula** Speg. Peritheciis gregariis, innato-erumpentibus, primo sphæroideis, tandem umbilicato-pezizoideis, rubro-aurantiacis, extus præcipue basi hyphis conidiophoris vestitis 200–250 microm. diam., ostiolo latiuscule pertuso; contextu tenuiter celluloso, roseo; hyphis strigoso-anastomosantibus, 3–4 micr. cr. rubro-fuscis, hinc inde adsurgentibus atque conidia ellipsoidea, 5–7 ≈ 3, hyalina 2-guttulata gerentibus; ascis cylindraceis 55–65 ≈ 7–8½ deorsum breve attenuato-stipitatis, sub apice initio (more generis) coarctatis, dein truncatis, aparaphysatis, octosporis; sporidiis distichis v. raro oblique monostichis, 1–septatis, ad septum non v. vix constrictis, utrinque acutiusculis, 12–14 ≈ 3½–4, 4–guttulatis, hyalinis.

Hab. in charta stercorata putrescente in umbrosis herbosis *a Conegliano*, Sept. 1877.

Obs. Nectriellæ charticolæ Fckl. affinis, a qua ostiolo concolore nec fusco et sporidiis fere dimidio angustioribus præ ceteris dignoscitur.

Discomycetes *)

Ascobolus Pers.

27. **Ascobolus furfuraceus** Pers. Syn. p. 676. Karst. Fenn. I. 76. Fckl. Symb. mycol. p. 286, Sacc. Michel. I. 69.

Hab. in fimo vaccino et equino *a Conegliano, Vittorio, Selva,* Aut. 1876–77.

Obs. Asci cylindraceo-clavati, deorsum longe attenuato-stipitati, apice rotundati subtruncati, 140–150 ✶ 20–22, paraphysibus filiformibus, septulatis obvallati, octospori. Sporidia oblongo-ellipsoidea, 28–32 ✶ 14, disticha v. oblique monosticha, primo violacea, dein vinoso-fuliginea, longitudinaliter ramose striatula, muco obvoluta.

28. **Ascobolus macrosporus** Crouan Ann. Sc. nat. 1857 VIII t. 4. f. B. Fckl. Symb. mycol. p. 286.

Hab. in fimo vaccino, equino putrescente *a Conegliano, Selva,* Aut. 1877.

Obs. Asci oblongo-ovati, deorsum brevissime attenuato-stipitati, 150–200 ✶ 50, octospori, paraphysibus filiformibus, guttulatis duplo longioribus obvallati. Sporidia inordinate disticha, elliptico-ovata, 50–55 ✶ 28–30, primo amœne violacea, dein fuligineo-vinosa, sublevia.

29. **Ascobolus immersus** Pers. Syn. p. 677. Fckl. Symb. Mycol. p. 286.

Hab. in fimo vaccino et equino *a Selva, Conegliano, Vittorio,* Aut. 1877.

*) Discomycetes coprophilos a me observatos generice ita distinguo:

+ Ascis 4-8-sporis.

* Sporidiis coloratis, ovatis, continuis.

Ascobolus Pers. Sporidiis in asco liberis.

Saccobolus Boud. Sporidiis in asci apice sacculo proprio arcte inclusis.

** Sporidiis hyalinis, ovatis, continuis.

Ascophanus Boud. Ascomatibus glabris v. puberulis, non tamen setosis, villo basilari carentibus.

Humaria Fckl. Ascomatibus setigeris, villo basilari carentibus.

Pyronema Carus. Ascomatibus subglabris, villo arachnoideo insidentibus.

++ Ascis polysporis.

Pezizula Karst em. Sporidiis hyalinis.

Obs. I. Asci elliptico-ovati, subsessiles, 200–230 ✶ 60–65, sursum acutiuscule rotundati, sæpius tetraspori, paraphysibus duplo longioribus, guttulatis obvallati. Sporidia elliptica, maxima, 60–70–80 ✶ 30–40, primo amœne violacea, dein læte fuliginea longitudinaliter recte 2–3–striata, strato mucoso crassissimo obvoluta.

Obs. II. Hujus formæ exemplaria sæpe cum *Ascob. macrosporo* commixta observavi, præterea ejusdem ascos 2–4–6–sporos variare nec non sporidia magnitudine ludere vidi. An ergo bona species, vel tantum varietas *Ascob. macrospori*, ut quidam malunt?

30. **Ascobolus viridis** Curr., Karst. Myc. Fenn. I. 77.

Hab. ad terram humidam Horti Patavini, Junio 1877 (SACCARDO).

Obs. Asci cylindraceo-clavati, breve stipitati, apice rotundati, 180 ✶ 20. p. sporif. 110 lga, paraphysibus filiformibus, guttulatis obvallati, octospori. Sporidia disticha, ovata, 25 ✶ 16, rugoso-striatula, initio 1–guttata, hyalina, tandem pure fuliginea (non violacea). Ascomata olivaceo-virentia.

Saccobolus Boud.

31. **Saccobolus Kerverni** Boud., E. Ch. Hans. F. fimic. dan. t. VI fig. 22. *Ascob. Kerverni* Cr., Fckl. Symb. myc. p. 287.

Hab. in fimo v a c c i n o et e q u i n o *a Selva*, sylva *Montello, Conegliano, Vittorio*, Aut. 1877.

Obs. Asci ovato-cylindracei, sursum obtuse rotundati, deorsum brevissime crassiuscule stipitati, 85–95 ✶ 30–35, in basidiis cylindraceis, apice subincrassatis, 45–50 ✶ 6–8, acrogenis, paraphysibus, filiformibus, 5 cr., granulosis viridulis obvallati. Glomeruli sporidiorum sacculo inclusi, cylindraceo-ellipsoidei, 45–50 ✶ 20; sporidiis subnavicularibus, 18–20 ✶ 10, utrinque rotundato-truncatulis, primo violaceis, dein amœne vinoso-fuligineis.

32. **Saccobolus Hansenianus** Speg. Ascomatibus primo conoideis, durissimis, flavo-viridulis, vertice atrovinoso,

dein applanatis undique flavo-viridulis sed disco ob ascos exsilientes brunneo-punctato; ascis amplis saccatis elliptico-fusoideis, deorsum brevissime stipitatis, apice truncatis, 180–210 ≈ 67–75, basidiis cylindraceis, vix clavulatis, 40–45 ≈ 10–12, suffultis, paraphysibus filiformibus viridulis obvallatis; glomerulis sporidiorum elliptico-ovatis, 85–90 ≈ 30, sacculo crassissimo inclusis; sporidiis ovato-ellipsoideis, inæquilateralibus, utrinque rotundato-truncatis, 35–40 ≈ 25, primo opace violaceis, dein intense fuligineis.

Hab. in fimo vaccino et equino in umbrosis herbidis *a Conegliano,* Oct. 1877, raro.

Ascophanus Boud.

33. **Ascophanus granulatus** (Bull.) Speg. *Peziza granulata* Bull. Cooke Mycogr. II. t. 59. *Ascobolus granulatus* Fckl. Symb. 287.

Hab. in fimo vaccino udo *a Selva* (Saccardo) et *a Conegliano,* Aut. 1877.

Obs. Asci cylindraceo-clavati, deorsum longe stipitato-attenuati, apice rotundati, 190–200 ≈ 16–18, octospori. Sporidia oblongo-elliptica, 18–20 ≈ 10–11, utrinque obtusiuscule rotundata, disticha v, sæpius inordinata.

34. **Ascophanus granuliformis** (Cr.) Boud., *Ascob. granuliformis* Cr., Fckl. Symb, p. 288. *Peziza granuliformis* Karst. Fenn. I. 50.

Hab. in fimo vaccino et equino et cuniculorum *a Selva, Colfosco* et *Conegliano,* Sept. Oct. 1877.

Obs. Asci oblongo-cylindracei, deorsum attenuato-stipitati, apice acutiuscule rotundato-truncatuli, 140–150 ≈ 18–20. Sporidia monosticha v. disticha, ovato-ellipsoidea, 18–20 ≈ 9–11, hyalina.

35. **Ascophanus nitidus** (Fckl.) Speg., *Ascob. nitidus* Fckl.

Hab. in fimo vaccino et equino *a Conegliano, Colfosco* et *Vittorio,* Aut. 1877.

Obs. Asci cylindracei, deorsum breve et oblique at-

tenuato-stipitati, apice obtuse rotundati, 90–115 ✶ 15–20, parphyasibus asco longioribus, sursum clavulato-circinatis obvallati. Sporidia, oblongo-ellipsoidea, utrinque obtusiuscule rotundata, 16–17 ✶ 8–11, nucleum ocellatum foventia, hyalina.

36. **Ascophanus carneus** (Pers.) Boud., *Ascob. carneus* Pers. *Peziza carnea* Karst., Sacc. Mich. I. 70. *Leucoloma carnea* Rehm. – f. **minor** Sacc.

Hab. in fimo vaccino nondum putrescente *a Conegliano* Oct. 1876.

Obs. Asci clavato-cylindracei, deorsum attenuato-stipitati, apice obtusiuscule rotundati, 110–115 ✶ 8–10, paraphysibus filiformibus sursum clavulatis rubellisque guttulatis obvallati. Sporidia oblongo-ellipsoidea, 18–20 ✶ 8–10, utrinque obtusiuscula, hyalina.

37. **Ascophanus cinereus** (Cr.) Boud. Ascob. cinereus Cr., Fckl. Symb. mycol. p. 288., Cooke Hndb. p. 731.

Hab. in fimo vaccino nondum putrescente *a Colfosco*, Sept. 1877.

Obs. Asci oblongo-clavati, saccati, deorsum vix attenuati, sessiles, apice acutato-rotundati, crassiuscule tunicati, 180–200 ✶ 25, paraphysibus continuis, sursum clavulatis curvulisve obvallati. Sporidia ellipsoidea, 18 ✶ 10, in parte superiore ascorum mono-di-polysticha, conglomerata, eguttulata, hyalina.

Humaria Fckl.

38. **Humaria diversispora** (Fckl.) Speg. *Ascob. diversosporus* Fckl. Symb. Mycol. p. 289.

Hab. in fimo vaccino putrescente *a Conegliano*, Sept. 1877, rarissime.

Obs. Ascomata viridulo-testacea, campanuliformia, sessilia, undique setis hyalinis ornata: setulis unicellularibus, e basi bulbillosa acutissimis, crasse tunicatis. Asci saccato-cylindracei deorsum in stipitem filiformem brevem abrupte attenuati, apice obtuse rotundati, 150–180 ✶ 30–38, aparaphysati (?). Sporidia inordinate monosticha, oblongo-ellipsoidea, utrinque obtusa, 22–26 ✶ 12–15, eguttulata, hyalina.

39. **Humaria pulcherrima** (Cr., Speg., *Ascobolus pulcherrimus* Cr., Fckl. Symb. mycol. p. 289. *Peziza pulcherrima* Cooke Mycogr. fasc. II, t. 39.

Hab. in fimo vaccino subputrescente in herbosis *a Conegliano*, *Vittorio*, Sept., Oct. 1877.

Obs. Ascomata rubra, extus setulosa; setulæ, cuspidatæ, 150–180 ✶ 12–14, parce septulatæ, pallide fuscæ. Asci cylindracei, deorsum attenuato-stipitati, apice rotundati, dein dehiscentiæ causa truncati, 160–170 ✶ 40, paraphysibus simplicibus bifidisve clavulatis obvallati, octospori. Sporidia ovoideo-elliptica, disticha v. submonosticha, 30–32 ✶ 16, eguttulata, hyalina.

40. **Humaria stercorea** (Pers.) Fckl., Sacc. Mycol. Ven. Spec. p. 166.

Hab. in fimetis et terra stercorata in agro Patavino.

Pyronema Carus.

41. **Pyronema subhirsutum** (Schum.) Fckl. Symb. myc. 320, Sacc. Fungi Ven. Ser. V. p. 184 et Mycoth. Ven. n. 732.

Hab. in stercore humano putri in locis umbrosis argilaceis *a Conegliano*, in sylva *Montello* Aut. 1876-77.

Obs. Ascomata cylindraceo-globosa, superne applanata, sessilia, flavo-aurantiaca, v. subviridula, undique pilis ornata et villo insidentia, contextu parenchymatico, subviridulo, pilis unicellularibus, clavulatis, 120–130 ✶ 6–8, pariter viridulis. Asci cylindracei deorsum longissime attenuato-stipitati, apice truncato-rotundati, p. s. 110 ✶ 12–15, stip. 120 ✶ 8, paraphysibus filiformibus continuis sursum clavulatis obvallati, octospori. Sporidia oblique monosticha oblongo-ellipsoidea, 22–24 ✶ 10–11, eguttulata, hyalina.

42. **Pyronema araneosum** Speg. Cupulis gregariis, sessilibus, in sicco patellari-applanatis, udis sphæroideis, dilute aurantiacis, undique pilis pallidis araneosis vestitis byssoque tenui albido insidentibus; contextu celluloso tenui-membranaceo, flavo-fuscidulo; setulis filiformi-cuspidatis crebris, 110–120 ✶ 8, fumose hyalinis, 1-cellularibus.

crassiuscule tunicatis; ascis crasse cylindraceo-fusoideis, deorsum longe attenuato-stipitatis, apice primo rotundatis, dein dehiscentiæ causa truncatis, 160–180 ✱ 26–30 (in f. *canina:* 100–120 ✱ 24–26) paraphysibus filiformibus, clavulatis, septulatis, obvallatis, octosporis; sporidiis in ascorum parte superiore plerumque distichis, sphæricis v. sphaeroideis levibus farctis, hyalinis, 15 ✱ 14–15, (in f. *canina:* 11–12 ✱ 10).

Hab. in stercore h u m a n o et c a n i n o in umbrosis *a Conegliano* Sept. 1877.

Obs. Sporidiis sphæricis in ascorum parte superiore distichis facile dignota species. Cum gen. *Crouania* Fckl. sporidiis globosis convenit, sed indumento recedit.

Pezizula Karst. em.

43. **Pezizula crustacea** (Fckl.) Karst. Mycol. Fenn. I. 81, *Ascobolus crustaceus* Fckl. (1866), *A. myriaedus* Karst. (1866.), *Ascobolus Cookei* Cr. (1867). *A. polysporus* Awd. (1868).

Hab. in fimo v a c c i n o et e q u i n o *a Conegliano, Selva*, et in sylva *Montello*, Aut. 1877.

Obs. Asci ovoidei, deorsum abrupte et brevissime attenuato-stipitati, apice obtuse rotundati, 90–110 ✱ 25–28, paraphysibus filiformibus septulatis obvallati, 60–64-spori. Sporidia ellipsoidea, 10 ✱ 5, polysticha, eguttulata, hyalina.

44. **Pezizula Pelletieri** (Cr.) Speg., *Ascobolus Pelletieri* Cr. Finist. p. 56., Fckl. Symb. 288. *A. Solms-Laubachii* Rabh.

Hab. in fimo e q u i n o putrescente in umbrosis *a Conegliano* Oct. et Dec. 1877.

Obs. Ascomata primo globosa, dein patellaria, candidissima, vel dilute cinereo-rosea, $^3/_4$–$1^1/_4$ mill. diam. Asci cylindraceo-clavati, deorsum attenuati, breve stipitati, apice obtuse rotundati, 200–300 ✱ 50–55, 30–32-spori. Sporidia tetrahexasticha, elliptico-fusiformia, 30–35 ✱ 18–20, utrinque acutiuscule rotundata, crassiuscule tunicata, hyalina.

FUNGI VENETI

NOVI VEL CRITICI

VEL MYCOLOGIÆ VENETÆ ADDENDI

AUCTORE

P. A. SACCARDO

SERIES VIII. *)

Hymenomyceteæ.

1. **Marasmius glabellus** Peck. XX Rep. of New-Jork Mus. p. 66. Thm. Mycoth. Univ. N. 505 – f. **minor** Sacc. M.V. n. 1107. A typo recedit statura paulo minore lamellisque pallidioribus.

   Hab. in ramentis foliis &c. dejectis *a Selva*, Sept. 1877.

   Obs. Basidia oblongo-clavata, 15–20 * 4–5; monospora (?); sporæ sphæricæ, 4–5 micr. diam., 1-guttulatæ, hyalinæ – Icon Floræ danicæ tab. 1551 fig. 1. (*Marasmii androsacei*) melius speciem præsentem sistit quam verum *M. androsaceum* Fr.

2. **Stereum** (Apus) **Boltonii** Sacc. M. V. n. 1113, *Corticium cinereum* f. *reflexum* & *resupinatum* Sacc. M.V. n. 404–405, et Fungi Ven. Ser. V. 165. Pileis effusis, reflexisque, sæpius aggregatis, ochraceo-fuscis, tomentosis, margine albicante, undulato; hymenio, sordide ochraceo-cinereo, minutissime velutino, denique rimuloso; hymenii setulis cylindraceis, obtusiusculis 1–2-cellularibus, 50–100 * 5–6, ferrugineis; sporis oblongo-ovoideis, 6–8 * 3–4, hyalinis.

*) Hæc Series sistit fungos novos v. criticos in Centuriis VIII-XIII (pr. p.) Mycothecæ Venetæ editos et nondum libris meis mycologicis traditos.

Hab. in truncis emortuis variis, e. g. Robiniæ Salicis &c. *a Selva, Padova*, Majo 1877.

Obs. An huc pertineat *Corticium Boltonii* Fr. Hymen. Europ. p. 647 (Bolt. Fung. t. 166 fig. *d*?) dijudicare nescio.

3. **Corticium** (Lejostroma) **incarnatum** (Per.) Fr., Sacc. Mycol. Ven. p. 64. – f. **Platani orientalis** Sacc. M.V. n. 1110.

Hab. in ejusdem cortice duriore *a Padova*, Martio 1877.

Obs. Sporæ, subglobosæ, 7–8 micr. diam., nubilosæ, fere ut in *Hyphodermate roseo* (Pers.) Fr., M.V. n. 1077. Cl. Fuckel in Symb. mycol. p. 27 sporas multo minores (diam. 4. micr.) in hac species indicat; an duo fungi diversi uno nomine confusi?

Gasteromyceteæ.

4. **Lycoperdon hyemale** Bull., Vitt. Monog. Lycop. n. 13 t. II. f. 5. Sacc. M. V. n. 1103. *L. gemmatum* Fr. Sacc. Mycol. Ven. p. 71. p. p.

Hab. in herbosis *a Selva, Padova*, &c. autumno 1873–77.

Obs. Flocci filiformes, parce ramosi, tenuiter septati, hinc inde noduloso-sporigeri v. basidia subovata, 15–20 × 8–12, gerentes, *subhyalini*. Sporæ globosæ, $2^1/_2$–3 micr. diam. leves, olivaceæ, guttulam hyalinam foventes. Peridii basis sterilis eximie *laxe cellulosa*.

5. **Lycoperdon polymorphum** Vitt. Monogr. Lycop. n. 8. t. II. fig. 8, Sacc. M. V. n. 1104. *L. furfuraceum* Schäff. Fungi t. 294. *L. cæpæforme* Bull.

Hab. in pratis *a Selva*, Augusto 1877.

Obs. Flocci filiformes, leves, intricati subcontinui, *fuliginei*. Sporæ globosæ $2^1/_2$–3 micr. diam. olivaceo-fuligineæ, guttulam hyalinam foventes. Peridii basis sterilis *floccoso-stipata*, nec cellulosa. Novo generi *Globariæ* Quelet adscribenda species.

Hypodermeæ.

6. **Geminella melanogramma** (DC.) Magn., Fisch. v. Waldh. Ustilag. p, 44 n. 108, Sacc. M. V. n. 1154.

7. **Uromyces Anthyllidis** (Grev.) Schröt. in Hedw. 1875 p. 162, Sacc. M.V. n. 1141.

Hab. in foliis Anthyllidis Vulnerariæ, *a Conegliano*, Oct. 1877, plerumque uredospora (Spegazzini).

8. **Puccinia alsophila** Sacc. M.V. n. 1130. Acervulis hypophyllis, alte pulvinatis, compactis, nigricantibus; uredosporis .... teleutosporis ovato-ellipsoideis, 40–45 ⁎ 25, utrinque rotundatis, constricto–1–septatis, tunica levi, vertice leniter incrassata, 2–nucleatis, fuligineis, pedicellis filiformibus, prælongis, 80–90 ⁎ 5–6, æqualibus, hyalinis.

Hab. in insula veneta *di Malamocco* in foliis Francæ pulverulentæ, Julio 1877 (Doct. A. Chiamenti).

Obs. A *Puccinia Frankeniæ* Cda longe differt et in serie *Pucc. macrostylæ* Bagnis adnumeranda videtur.

9. **Puccinia Sonchi** Rob. & Dmz., Oudem. Mat. Mycol. Neerl. II. 37, Sacc. M.V. n. 1131.

Hab. in foliis Sonchorum in Horto botanico Patavino, Oct. 1877.

Obs. Melampsoram simulat non tantum ob consistentiam et colorem acervulorum sed ob cystidia clavata, 40–60 ⁎ 25, atro-cinnamomea quandoque spurie 1–2 –septata, dense circa soros stipata et tunc Melampsoræ teleutosporas æmulantia. Pucciniæ hujusce teleutosporæ apud nos plerumque biloculares, ovato-oblongæ, 40–45 ⁎ 25, leniter constrictæ, utrinque obtuse acutatæ, stipiteque brevi, 8–10 ⁎ 8 suffultæ, dilute ochraceæ.

10. **Æcidium Plantaginis** Ces. in Herb. Crypt. ital. Ser. I. n. 247, Sacc. M.V. n. 1144.

Hab. in foliis Plantaginis lanceolatæ *a Conegliano*, Aprili 1877 (Spegazzini).

11. **Æcidium Centaureæ** DC. f. *C. nigrescentis* Sacc. M.V. n. 1145.

Hab. in foliis ejusdem *a Conegliano*, æstate 1877 (SPEGAZZINI).

12. **Æcidium Leucanthemi** DC., Sacc. M.V. n. 1146.
Hab. in foliis Chrysanthemi Leucanthemi *a Conegliano*, æstate 1877 (SPEGAZZINI).

13. **Æcidium Aristolochiæ** Rabh., Sacc. M.V. n. 1147.
Hab. in foliis Aristolochiæ Clematitis *a Padova*, Majo 1877 (BIZZOZERO).

14. **Æcidium Cyparissiæ** DC. Fl. fr. II. 249., Sacc. M.V. n. 1149.
Hab. in foliis Euphorbiæ Cyparissiæ in collibus Euganeis, Apr. 1877 (BIZZOZERO).

15. **Æcidiolum Tussilaginis** Sacc. M. V. n. 993 (sub *Myxosporio*). Maculis epiphyllis, initio aurantiacis, tandem nigricantibus; acervulis immerso-prominulis, initio croceis; spermatiis ovoideis 9–10 × 8, granulosis, hyalinis, in basidiis filiformibus fasciculatis catenulatim impositis.
Hab. in pag. superiore foliorum Tussilaginis Farfaræ, socio et contraposito *Æcidio Tussilaginis* in sylva *Montello*, Aug. 1876.

Phycomyceteæ.

16. **Cystopus Portulacæ** (DC.) dBy, Sacc. M. V. n. 143 – Status **oogoniophorus** Sacc. M.V. n. 1117.
Hab. in foliis Portulacæ oleraceæ *a Selva*, Sept. 1877.
Obs. Fungillus, folio luci objecto, optime conspici potest. Oosporæ globosæ, 45–50 micr. diam., eximie reticulatæ, atrofuligineæ, sporangio (oogonio) hyalino sphærico primitus inclusæ. Cfr. dBy in Hedw. III. p. 141.

17. **Peronospora Viciæ** (Bk). dBy. f. **Orobi** Schröt., Sacc. M.V. n. 1120.
Hab. in foliis Orobi verni *a Conegliano*, vere 1877 (SPEGAZZINI).
Obs. Sæpe adsunt oogonia, quæ ipse, ob habitum alienum, perperam nomine *Protomycetis reticulati* descripsi. Cfr. Michelia I. 13 et Fung. ital. t. 102.

18. **Peronospora Dipsaci** Tul., de By Peron. in Hedw. III. p. 137. Sacc. M. V. n. 1122.

Hab. in foliis Dipsaci sylvestris *a Conegliano*, æstate 1877 (Spegazzini).

19. **Synchytrium plantagineum** Sacc. & Sp. in Sacc. M. V. n. 1125. Tuberculis amphigenis hinc inde dense gregariis, granuliformibus, initio ochraceo–rufis, dein nigricantibus; sporangiis (?) sphæricis 110–130 micr. diam. flavo-ochraceis, anhisto-tunicatis, guttulis oleosis flavicantibus magnitudine variis fœtis.

Hab. in foliis Plantaginis lanceolatæ *a Conegliano*, Majo 1877. (Spegazzini).

Obs. Etsi incomplete cognitum, tamen *Synchytrio Succisæ* dBy & Wor. (Sacc. M.V. n. 1124) cognatum videtur.

Pyrenomyceteæ.

20. **Apiosporium? Melampyri** Sacc. M.V. n. 1095. Peritheciis hypophyllis, gregariis, sphæricis, diam. 35–45 micr., superficialibus, rugulosis, nitidulis, nigris, hyphis parcis hyalinis septulatis basi cinctis, nucleo....; perithecii contextu parenchymatico fuligineo.

Hab. in pag. inf. foliorum Melampyri arvensis languidorum, sociis *Sphærotheca* et *Coleosporio* in sylva *Montello*, Oct. 1876.

Obs. An huc pertinet *Perisporium vagans* Dmz.?

21. **Rhaphidophora ulnospora** (Cooke) Sacc. M.V. n. 1160., *Sphæria ulnaspora* Cooke Hndb. p. 900.

Hab. in caule putrescente Ballotæ nigræ *a Selva*, Sept. 1877.

Obs. Perithecia globoso-compressa, tandem collabescendo umbilicata, breve papillata. Asci cylindraceo-clavati, 130–150 ∗ 12, breve noduloso-stipitati, octospori. Sporidia bacillaria vehementer fracti-flexa, 120–130 ∗ 5, 4-articulata, articulis apicibus subincrassatis, 3–4septatis, flavida – *R. compressa* Rehm. Asc. n. 189 ab hac differt peritheciis minoribus, sporidiis rectiusculis, non nodulosis (fere *geoglossideis*) &c.

22. **Leptosphæria (Leptosphærella) marginalis** Sacc. M. V. n. 1162. Foliicola; maculis oblongis, linearibusve marginalibus, candidis, fusco-limbatis; peritheciis plerumque epiphyllis, punctiformibus, lenticularibus, 100 micr. diam., ochraceo-fuligineis, laxe cellulosis, poro amplo pertusis; ascis cylindraceo-clavatis, 60 ⁎ 10, breve noduloso-stipitatis, apice rotundatis, paraphysibus filiformibus spuriis obvallatis, 8sporis; sporidiis distichis oblongo-fusoideis, leniter curvis, utrinque obtusiusculis, 20 ⁎ 4–5, 3–septatis, ad septum medium constrictis, e hyalino viridulis.

Hab. in foliis Albizziæ Julibrissin adhuc vivis *a Vittorio* Oct. 1877.

23. **Sphærella Bellona** Sacc. sp. nov. Maculis arescendo dealbatis, sinuosis, epiphyllis; peritheciis punctiformibus remotiusculis, lenticularibus, pertusis; ascis oblongo-clavatis apice rotundatis, 60 ⁎ 15, aparaphysatis, 8sporis: sporidiis distichis inæqualiter didymis, utrinque obtusiusculis, 18–20 ⁎ 6–6$^1/_2$, 4–guttulatis hyalinis.

Hab. in foliis languidis Pyri communis *a Selva*, aut. 1873–74, socia *Phyllosticta pyrina* Sacc. F. V. ser, VII. 134. ejusdem spermogonio.

Obs. A *Sphærella Pyri* Awd. Sph. 11 t. III. f. 34 ascis sporidiisque (non 27–31 ⁎ 4) crassioribus et diverse efformatis statim dignoscitur. Propius ad *Sphærellam crassam* Awd. accedit.

24. **Physalospora euganea** Sacc. Peritheciis dense gregariis, subcutaneis, globoso-depressis, 130–150 micr. diam., pertusis; contextu parenchymatico fuligineo; ascis cylindraceo-clavatis, 80–100 ⁎ 17–18, apice tunica integra, rotundatis, brevissime crasse stipitatis, aparaphysatis, 8sporis; sporidiis distichis oblongo-fusoideis, utrinque obtusiusculis, 20–25 ⁎ 8, leniter curvulis, initio strato tenui mucoso obductis, intus granulosis, hyalinis.

Hab. in ramulis emortuis Spartii juncei in colle *Venda* (*Euganei*), Oct. 1877 (Bizzozero).

25. **Anthostomella appendiculosa** (B. & Br.) Sacc. M. V. n. 1190. *Sphæria appendiculosa* B. & Br.,

Rebentischia appendiculosa Sacc. Fungi Veneti Ser. V. 177.

Hab. in sarmentis Rubi fruticosi *a Selva* et *Conegliano* Aut.

Obs. Præeunte clariss. NIESSL in litt. hanc speciem ad gen. *Anthostomellam* duco. Re vera ipse quoque, etsi rarius, sporidia ovata, continua, 15–16 ⁎ 5–6, fuliginea vidi. Descriptio mea l. c. et icon Curreyi (Simpl. Sph. fig. 97) sporidia immatura sistunt. In his modo 3–4 guttulæ minores, modo unica major inest.

26. **Sphærella Maydis** Pass. in Rabh F. E. n. 1851 et in Just Bot. Iahresb. 1874 p. 319.

Hab. in foliis emortuis et putrescentibus Zeæ Maydis in agro Tarvisino, aut. 1867.

27. **Sphærella Alni** (Fckl.) Sacc. *Stigmatea Alni* Fckl. Symb. 97.

Hab. in foliis adhuc vivis Alni glutinosæ *a Conegliano,* Iunio 1876-77 (SPEGAZZINI).

Obs. Maculæ foliorum epiphyllæ, subcirculares, dilute fuligineæ. Perithecia superficialia, immo facile secedentia, globulosa, pertusa, contextu *tenui, laxiuscule* parenchymatico, fuligineo, basi hyphulis brevibus fuligineis cincta. Asci subfusoidei v. obclavati, basi breve attenuati, 50–60 ⁎ 12–15, *aparaphysati*, 8spori. Sporidia disticha 15–16 ⁎ 7, obovata, constricto-1-septata, loculo superiore crassiore, inferiore acutiore, 4-guttulata e hyalino dilute luteola. Characteribus cursive impressis species hæc *Sphærellæ* potius quam *Stigmateæ* adscribenda videtur.

28. **Microthyrium Smilacis** DNtrs Micr. it. Dec. IV. f. 4. Erb. critt. it. n. 94.

Hab. in sarmentis emortuis Smilacis Alpini in Horto Patavino, Febr. 1876, rarius.

29. **Gnomonia vulgaris** Ces. & DNtrs Schema p. 232 – *Sphæria Gnomon* Tode Meckl. fig. 125.

Hab. in foliis dejectis Coryli Avellanæ *a Padova,* Dec. 1877.

Obs. Asci fusoidei, basi attenuati, 35–38 ⁎ 5–6, 8spori. Sporidia bacillari-fusoidea, 15–16 ⁎ 1–$1^1/_2$ leniter curva, 4-guttulata, hyalina.

30. **Didymosphæria cladophila** Niessl Neue Kernp. p. 199. Sacc. M. V. n. 1161.

Hab. in ramulis emortuis Cytisi nigricantis in sylva *Montello*, Sept. 1877.

Obs. Asci cylindrici, 80–90 ✱ 5–6, apice rotundati, paraphysati, 8spori. Sporidia oblique monosticha, didyma, 10 ✱ 5–6, utrinque rotundata, loculo superiore leniter crassiore.

31. **Didymosphæria effusa** Niessl Neue Kernp. p. 130. Sacc. M. V. Cent. XIII.

Hab. in caulibus mortuis Cucurbitæ Peponis *a Conegliano*, Dec. 1877 (Spegazzini).

Obs. Asci cylindracei, breve stipitati, 70–80 ✱ 10–12, spurie paraphysati, 8spori. Sporidia monosticha, v. partim disticha, didyma, 14 ✱ 6, leniter constricta, 4-guttulata, hyalina. Perithecia epidermide cinerascente v. subnigricante velata.

32. **Ceratostoma graphioides** Sacc. M. V. Cent. XIII. Peritheciis superficialibus, hinc inde dense aggregatis, maculasque atras velutinas sistentibus, globosis, in rostrum cylindraceum, 250–300 ✱ 30, apice fimbriatum productis, basi hyphulis cinctis; perithecii contextu distincte parenchymatico, tenui, melleo-fuligineo; ascis ovoideis, 20 ✱ 15, sessilibus, mox evanidis, aparaphysatis, 8sporis; sporidiis conglobatis sphæroideo-ellipticis, utrinque subtruncatis, $5–5^1/_2$ ✱ $3^1/_2–4^1/_2$, cinereo-fuligineis, nucleato-farctis, non guttulatis, denique protrusis et perithecia conspergentibus.

Hab. in ligno putrescente Juglandis regiæ *a Padova*, Dec. 1877 (Bizzozero).

33. **Ceratostoma Jani-collinum** Sacc. & Sp. Peritheciis superficialibus, gregariis, globulosis, atris, basi hyphis hyalinis cinctis, in rostrum cylindraceum, 300-350 ✱ 30, apice longe et hyalino-penicillatum productis; contextu perithecii parenchymatico, rostri prosenchymatico rufo-fuligineo; ascis obovatis, 55 ✱ 35, subsessilibus; sporidiis e globoso cuboideis 7–8 diam., fuligineis.

Hab. in caule putri (Lappæ?) *a Conegliano*, (Collis Jani), Apr. 1877, raro (Spegazzini).

34. **Trichosphæria nobilis** Sacc. & Sp. Peritheciis superficialibus, sparsis gregariisque globulosis, conico-papillatis, nigris, setulis filiformibus, obtusiusculis, rigidulis, continuis, fuligineis sursum pallidioribus undique vestitis; ascis cylindraceis, breviuscule subnoduloso-stipitatis, apice rotundatis, 70–80 ✱ 8–10, aparaphysatis, tetrasporis; sporidiis recte v. oblique monostichis, ellipsoideis, utrinque obtusis, 2-guttulatis, 14–17 ✱ 8, e hyalino chlorinis.

Hab. in fragmentis ligneis Lauri nobilis vix putrescentibus, *a Conegliano*, Apr. 1877 (Spegazzini).

Obs. Inter perithecia adsunt fasciculi hypharum (setulis perithecii similium) e ganglio stromatico (perithecio incipiente?) oriundis, forte statum conidicum sistentes: sed conidia huc usque non vidimus.

35. **Massaria macrospora** (Dmz.) Sacc., *M. epiphegea* Riess. in Fres. Beitr. 61 t. VII fig. 35-40. *Sphæria macrospora* Dmz. *Cucurbitaria macrospora* Ces. & DNtrs.

Hab. in ramis corticatis Fagi sylvaticæ in sylva *Cansiglio*, Oct. 1874, soc. st. conid. *Coryneo macrosporo* Bk. h. e. *Sporidesmium vermiforme* Riess.

Obs. Sporidia oblongo-fusoidea, 45–50 ✱ 15, initio didyma, subhyalina, *strato gelatinoso* obvoluta, tandem 3–septata, ad septa constricta, dilute fuliginea. Typus oscillans sed *Massariæ* propinquior.

36. **Massaria bufonia** (B. & Br.) Tul. Carp. II. 237. Cooke Hndb. 846. *Sphæria bufonia* B. & Br., Curr. Simpl. Sph. t. 59 fig. 102.

Hab. in ramis corticatis quercinis *a Colfosco*, Aug. 1877 (Spegazzini) – Pulcherrima species!

37. **Teichospora anceps** Sacc. Peritheciis ligno adnatis, corticeque initio velatis, dein secedente liberatis, hinc inde aggregatis, globosis, $^1/_2$–$^3/_4$ mill. diam., distincte obtusiuscule papillatis, atris, nitidulis, solidiusculis; ascis cylindricis breve stipitatis, apice rotundatis, 120 ✱ 10, paraphysibus filiformibus obvallatis, 8sporis; sporidiis oblique monostichis, oblongo-ellipsoideis, utrinque acutiusculis, rectis, 18–20 ✱ 8–9, 3–septatis, muriformibusque, ad septum medium constrictis, fuligineis.

Hab. in ramulis emortuis Cytisi radiati *ad Arco* (*Trentino*), Sept. 1874, rarius.

Obs. Species vere anceps, nam fere æquo jure ad *Cucurbitariam* v. *Fenestellam* duci posset. Sæpe quoque adest st. pycnid. *Diplodiam ancipitem* sistens: peritheciis duplo minoribus, erumpentibus, aggregatis, papillatis, nigris; stylosporis oblongis, 10–12 ∗ 5, constricto-1-septatis (rariss. loculo altero 1-septato, sed non constricto) fuligineis.

38. **Ditopella Vizeana** Sacc. & Sp., *Nectria caulina* Cooke Fung. Brit. Ser. II. n. 479 (lecta a Rev. J. E. Vize in *Forden*). Peritheciis gregariis, globoso-depressis, $^1/_4$–$^1/_3$ mill. diam., epidermide sæpe cinerascente, dein fissâ, velatis, nigris; ostiolo exiguo obtuso; perithecii contextu distincte parenchymatico, atro-fuligiñeo; ascis cylindraceo-clavatis, breviuscule stipitatis, 110–115 ∗ 15–18, apice crassiuscule tunicatis, obtuseque rotundatis, aparaphysatis, polysporis; sporidiis (30-50) polystichis, fusoideis, utrinque obtusiusculis, rectis v. leniter inæquilateralibus, 15–18 ∗ $4^1/_2$–$5^1/_2$, pluriguttulatis v. nubilosis e hyalino dilute olivaceis.

Hab. in ramulis Buxi sempervirentis emortuis *a Colfosco*, Apr. 1877 (Spegazzini).

Obs. Epitheton « caulina » adhibere non potui quia Buxus frutex est, ergo *caules* non gerit.

39. **Otthia Cratægi** Fckl. Symb. myc. App. I p. 19.

Hab. in ramis corticatis Cratægi Oxyacanthæ *a Vittorio*, Oct. 1873, sociis *Diplodia Cratægi* Fckl. et *Phoma*.

Obs. Asci cylindracei, 180–200 ∗ 14, breve stipitati, apice rotundati, parce paraphysati, 8spori. Sporidia oblique monosticha, ellipsoideo-oblonga, constricto-1-septata, 25–27 ∗ 12–14, sæpe 2-guttulata, fuliginea. Sæpe adest status spermogonicus *Phomam Cratægi* sistens: peritheciis erumpentibus, subglobulosis, irregularibusve, nucleo albo; spermatiis minutissimis oblongis, 4 ∗ $1^1/_2$, hyalinis.

40. **Lophiostoma gregarium** Fckl. Symb. Myc. 158. Sacc. Fung. Ven. ser. V. 177.

* **L. pachysporum** Sacc. M. V. n. 1157. Peritheciis immersis v. semiimmersis, globulosis, ostiolo minuto conico-compresso; ascis cylindraceo-clavatis, 120–150 ✶ 18–20, apice rotundatis, breve stipitatis, paraphysatis, octosporis; sporidiis monostichis, v. subdistichis, ovato-oblongis, curvulis v. rectis, utrinque obtusiusculis, 25–30 ✶ 12–16, 6–10-septato-muriformibus, initio amœne flavis, guttulatis, dein fuligineis, ad septum medium distincte, ad cetera obsolete constrictis.

Hab. in ligno indurato abietino *a Vittorio,* Oct. 1877, socio *Lophiostomate compresso* (Pers.) Ces. & DNtrs.

41. **Diaporthe** (Tetrast.) **Castaneti** Nke Pyr. Germ. p. 320. Sacc. M. V. Cent. XIII.

Hab. in ramulis emortuis Castaneæ vescæ *a Conegliano,* Dec. 1877 (Spegazzini).

Obs. Asci fusoidei, aparaphysati, 70–80 ✶ 10, 8spori. Sporidia disticha, fusoidea, constricta, tenuiter 1-septata, 15–18 ✶ 4–5, utrinque obtuse attenuata, recta v. curvula, 4-guttulata, hyalina.

42. **Thyridium pulchellum** Sacc. & Sp. M. V. Cent. XIII. Stromate eutypeo effuso, ligni superficiem nigrificante; peritheciis ligno immersis globosis, diam. $^1/_3$–$^1/_2$ mill. diam., nigris, ostiolo minuto vix prominente; contextu perithecii laxiuscule parenchymatico, fuligineo; ascis cylindraceis, 100 ✶ 15–16, apice rotundatis, breve crasse stipitatis, paraphysibus longioribus, filiformibus obvallatis, tetrasporis; sporidiis recte v. suboblique monostichis, oblongo-ellipsoideis, 30–38 ✶ 15–18, utrinque rotundatis, initio 1-septatis, olivaceis, dein 6–8-septatis, denseque muriformibus, ad septa non constrictis, multiguttulatis, fuligineis.

Hab. in ligno putrescente Catalpæ syringifoliæ *a Conegliano,* Oct. Dec. 1877 (Spegazzini).

Obs. Species pulcherrima, distinctissima. De sensu generis cfr. « Michelia » I. p. 50.

43. **Xylaria** (Xylodactyla) **Arbuscula** Sacc. M V. n. 1192. Gregaria, fasciculata, arbusculiformis, atra; stipitibus gracilibus, cent. $1^1/_2$–$2^1/_2$ alt., mill. $1^1/_2$–2 cr., adscendentibus,

tomentosis; clavulis (conidiophoris) attenuatis, sæpe compressis, apice albicantibus (conidiis nondum visis), clavulis pyrenophoris teretibus, apice breviter sed acute cuspidatis, $^1/_2$–1 cent. lgs., 1–$1^1/_2$ mill. cr., initio longitudinaliter cinereo-rivulosis, tandem, ob perithecia, depresse tuberculatis; peritheciis globosis immersis, vix $^1/_2$ mill. diam. papillulatis; ascis cylindraceis longiuscule stipitatis, p. s. 80 ∗ 8–10, stip. 30–40 lgo, apice rotundatis, aparaphysatis, 8sporis; sporidiis oblique monostichis, oblongo-fusoideis, 14–16 ∗ 5–7, curvulis, 1–2-guttatis, initio hyalinis, dein cinereis, tandem atro-fuligineis.

Hab. in cistis ligneis putrescentibus muscosis Orchideas tropicales hospitantibus in calidario Horti Levi *a Treviso*, Aug. 1877.

Obs. A *Xyl. Hypoxylo* (L.) Grev., *X. cupressiformi* (Mich.) Becc. et pluribus exoticis satis diversa.

Hyponectria Sacc. nov. gen. Perithecia simplicia, tecta, contextu nectriaceo molli, laxe parenchymatico. Asci octospori, initio sub apice (more nectriaceo) leniter coarctati. Sporidia ovata v. oblonga, continua, hyalina.

44. **Hyponectria Buxi** (DC.) Sacc. M. V. n. 1191. *Sphæria Buxi* DC. Cfr. Sacc. Fungi Ven. Ser. VI. 51. Obs. III.

Obs. Asci cylindracei 80–90 ∗ 10–12; sporidia oblonga utrinque acutiuscula, 16–18 ∗ 6–7, granulosa, hyalina. Perithecia, folio luci objecto, punctula subdiaphana simulant. Hujus speciei formam in foliis Quercus Ilicis Patavii, Dec. 1877 legit G. Bizzozero.

Cesatiella Sacc. nov. gen. (*Hypocreaceæ*) Perithecia ligno immersa, molliuscula, succinea, stromate obsoleto limitata, globosa, papillulata. Asci paraphysati, octospori. Sporidia majuscula, fusoidea, falcata, pluriseptata, hyalina.

Obs. Novum genus, ill. professori lib. bar. V. Cesati dicatum, peritheciis nectriaceis endoxylis, sporidiisque fusariiformibus distinctum.

45. **Cesatiella australis** Sacc. & Sp. Peritheciis immersis, globosis, $^1/_2$ mill. diam., ostiolo brevissimo ligni superficiem vix infuscatam attingente; contextu perithecii

obsolete celluloso, molliusculo, succineo, dein collabente; ascis cylindraceis, breve stipitatis, 95–105 ⋆ 12, apice acutiuscule rotundatis, tunicà integrà, paraphysibus filiformibus guttulatis obvallatis, 8sporis; sporidiis distichis, fusoideis, arcte falcatis, 40–45 ⋆ 5, utrinque obtusiusculis, distincte 3–septatis, non constrictis, hyalinis.

Hab. in ramis emortuis Oleæ europeæ *a Conegliano*, Apr. 1877 (SPEGAZZINI).

46. **Calonectria pyrrochlora** (Awd.) Sacc. *Nectria pyrrochlora* Awd. in Rabh, F. E. n. 1234. Rehm Asc. n. 40.

Hab. in rimis suberis ad ramulos Aceris campestris *a Conegliano*, Martio 1877 (SPEGAZZINI).

Obs. Asci fusoideo-elongati, 70 ⋆ 15, apice acutiuscule subtruncati, aparaphysati, 8spori. Sporidia disticha, oblongo-fusoidea, 22–30 ⋆ 8, utrinque obtusiuscula, recta v. curvula, 4–nucleata, rarius pluriguttulata, dein 3–septata, ad septum medum vix constricta, hyalina.

47. **Calonectria macrospora** Sacc. & Sp. Peritheciis sparsis, erumpentibus, v. semierumpentibus, fibrisque corticalibus obvelatis, globoso-conoideis, vertice subtruncatis, croceo-aurantiacis; contextu molliusculo, parenchymatico concolore; ascis elongato-clavatis, apice rotundatis lumineque initio coarctato, deorsum attenuato-stipitatis, p. s. 110–120 ⋆ 30, paraphysibus filiformibus obvallatis, 8sporis; sporidiis di–tristichis, fusoideis, 50–65 ⋆ 12–15, leniter curvis, 7–8–septatis, ad septum medium leniter constrictis, grosse 8–9–guttulatis, hyalinis.

Hab. in cortice emortuo Vitis viniferæ *a Conegliano*, Aut. 1876 (SPEGAZZINI).

Obs. Ab affini *Calon. Daldiniana* DNtrs. Recl. Piren. in Comm. critt. II. 477 differt peritheciis profundius insculptis, corticolis, non collabescentibus &c.

48. **Calonectria minuscula** Sacc. & Sp. Peritheciis globulosis, subsuperficialibus, hyalino–roseis, $^1/_8$ mill. diam. basi hyphulis parcis vestitis, ostiolo crassiusculo, truncato, pertuso; ascis fusoideo-cylindraceis, sub apice initio contractis, basi attenuatis, 40 ⋆ 7–8, aparaphysatis, tetrasporis; sporidiis fusoideis v. subclavatis, utrinque

obtusiusculis, curvulis, 15–16 ⁎ 3–3$^1/_2$, 4-nucleatis (v. granulosis) hyalinis.

Hab. in foliis subputrescentibus Cryptomeriæ japonicæ *a Susegana*, Martio 1877 (Spegazzini).

Obs. A *Calon. erubescente* (Dmz.) et *Calon. luteola* (Dmz.), quibus affinis, differt peritheciis fere duplo minoribus, e hyalino roseis, ascis tetrasporis, ostiolis crassiusculis &c.

49. **Phyllachora Cynodontis** Niessl Notiz. Pyr. p. 54. Rehm Asc. n. 377. *Phyll. Graminis* f. *Cynodontis* Sacc. M.V. n. 230 et in Rabh. F. E. n. 2241.

Hab. in foliis Cynodontis Dactyli *a Selva, Padova*, 1875–76; Venetiis *al Lido* (Magnus).

50. **Robergea unica** Dmz. XIV Not. p. 177–179 (1847). *Tuberculostoma lageniformis* Sollm., *Ostropa cubicularis* Fckl., non *Sphæria cubicularis* Fr.

Hab. in ramulis emortuis Loniceræ Xylostei *a Colfosco*, Martio 1877, rarissime (Spegazzini).

Obs. Perithecia horizontaliter ampulliformia. Asci cylindrici longissimi, apice rotundati, 260–300 ⁎ 6–7, deorsum attenuati, aparaphysati; sporidia (octona?) filiformia 200 ⁎ 1, minutissime guttulata, hyalina.

51. **Lophodermium caricinum** (Dmz. & Rob.) Duby. *Hysterium caricinum* Dmz. & Rob.

Hab. in foliis Caricis glaucæ *a Susegana*, Aug. 1877 (Spegazzini).

Obs. Asci clavati, deorsum attenuati basique nodulosi, 70–80 ⁎ 6–8, paraphysibus filiformibus simplicibus bifidisve, apice circinatis obvallati, 8spori. Sporidia bacillari-filiformia, 45–50 ⁎ 1, rectiuscula, minutissime guttulata, hyalina.

52. **Hysterium** (Gloniopsis) **Moliniæ** DNtrs Recl. Piren. ital. in Comm. Soc. critt. ital. II. 491, Sacc. M. V. n. 1176.

Hab. in culmis vaginisque Triticorum *a Conegliano*, æstate 1877 (Spegazzini).

Obs. Asci oblongo-cylindracei, 50 ⁎ 15, apice rotundati, basi brevissime stipitati, 8spori. Sporidia disticha, oblonga, 12–15 ⁎ 5–6, utrinque obtusiuscula, constricto-

3–septata, 4-guttulata, hyalina – *Hysterio Typhæ* Fckl. Symb. App. II. p. 327 et *H. minimo* Sacc. affine.

Discomyceteæ.

53. **Hyalopeziza carneola** Sacc. M. V. n. 1196. Gregaria, brevissime stipitata, pallida, disco concaviusculo carneo v. subaurantiaco, usque $^1/_2$ mill. diam., extus, præcipue margine, velutina, pilis apice subincrassatis, subyalinis; ascis cylindraceis, 40 ∗ 5, brevissime stipitatis, 8sporis, paraphysibus (?) cylindraceis, sursum cuspidatis, 70–80 ∗ 6 obvallatis; sporidiis minutissimis, cylindraceis, v. clavulatis, rectis curvulisve, 5–6 ∗ 1, hyalinis.

Hab. in foliis putrescentibus Moliniæ cœruleæ *a Conegliano*, æstate 1877 (Spegazzini).

Obs. Cum *Pez. deminuta* Rob. & Dmz., *P. patenti* Fr., *P. Caricis* Dmz., *P. rosea* Rehm pluribus notis convenit, tamen diversa videtur.

54. **Trichopeziza Aranea** (DNtrs.) Sacc. M.V. Cent. XIII. *Peziza Aranea* DNtrs. Micr. ital. Dec. I. n. 1.

Hab. in capsulis dejectis putrescentibus Castaneæ vescæ, præcipue ad parietes interiores, *a Conegliano*, Jan. 1873 (Spegazzini).

Obs. Cupulæ sessiles, minutæ apertæ, candidæ, extus hyphis hyalinis, flexuosis longiusculis undique vestitæ, excipulo prosenchymatico hyalino. Asci oblongo-clavati, brevissime noduloso-stipitati, 35–40 ∗ $5^1/_2$–6, paraphysibus filiformibus longioribus 50–55 ∗ 1, obvallati, octospori. Sporidia disticha oblonga, 7–8 ∗ 2–3, utrinque obtusiuscula, hyalina.

55. **Pseudopeziza Cerastiorum** (Wallr.) Schröt. F. Siles. exs. n. 52. *Peziza Cerastiorum* Wallr. Fl. Crypt. Germ. 465. *Trochila Cerastiorum* DNtrs. Discom. in Comm. critt. I. p. 320.

Hab. in foliis languidis Stellariæ mediæ *a Conegliano*, Jan. 1877 (Spegazzini).

Obs. Asci clavati, breve crassiuscule stipitati, apice acutati, 60–70 ∗ 7–8, paraphysibus filiformibus, quandoque bifidis, 80 ∗ 2–3, obvallati, 8spori. Sporidia fu-

soidea v. subclavulata, 14–15 × 3–3$^1/_2$, 2–guttulata, nubilose hyalina. Contextus excipuli laxe parenchymaticus, atro-fuligineus.

56. **Pyrenopeziza hysterina** Sacc. M. V. n. 1195. Cupulis erumpentibus, scutellaribus, sessilibus, $^1/_4$–$^1/_3$ mill. diam., glabris, subcoriaceis, siccis compresso–clausis, udis apertis, nigris, disco cinerascente; excipulo solidiusculo, fuligineo, parenchymatico, ad marginem prosenchymatico; ascis cylindraceis, apice rotundatis, 70 × 10, breve stipitatis, paraphysibus filiformibus obvallatis, 8sporis; sporidiis subfusoideis, curvulis, 18 × 4, sæpius 4–guttulatis, hyalinis.

Hab. in culmis vaginisque Moliniæ cœruleæ putrescentibus *a Susegana*, Aug. 1877 (Spegazzini).

Obs. Pezizæ melatephræ Lasch & forte *Trochilæ diminuenti* Karst. affinis videtur.

57. **Cryptodiscus atrovirens** (Fr.) Cda Icon. fung. II. 37 fig. 130, Sacc. M.V. n. 1199., *Stictis atrovirens* Fr. Scler. n. 278 (non vidi).

Hab. in ligno indurato Paulowniæ imperialis *a Vittorio*, Oct. 1877 (Spegazzini).

Obs. Asci cylindraceo-clavati, breve stipitati, 65–75 × 14–16, apice rotundati, paraphysibus filiformibus apice ramulosis et materie viridescente obductis obvallati, octospori. Sporidia botuliformia, curvula, utrinque obtusiuscula, 15–22 × 5–6, 3–septata, non constricta, hyalina. In Friesii S. M. et Summa Veg. Scand. hæc species omissa est; an ex oblivione, an consulto? Sensu Karstenii (Mycol. Fenn. I. p. 21) generi *Stictidi* adscribenda est, sed hoc nomen alio sensu sumit De Notaris, alioque Fuckel.

Sphæropsideæ

58. **Diplodia Taxi** (Sow.) DNtrs, *Sphæria Taxi* Sow. *Sphæropsis Taxi* Bk., Sacc. M.V. n. 999.

Hab. in foliis Taxi baccatæ dejectis *a Padova*, Oct. 1876 (Bizzozero).

59. **Diplodia Rhois** Sacc. M.V. n. 1021. Peritheciis

gregariis vel hinc inde aggregatis, epidermide pustulata tectis, tandem erumpentibus, globosis, papillatis, nigris; stylosporis oblongis, constricto-1-septatis, 20–22 ✕ 8–10, fuligineis.

Hab. in ramis emortuis Rhois glabræ, jam cultæ, in sylva *Montello*, Oct. 1876, socia *Botryosphæria Bérengeriana* DNtrs.

60. **Diplodia sarmentorum** (Fr.) Dmz., Fr. Summa Veg. Scand. 417, Sacc. M. V. n. 1022.

Hab. in sarmentis emortuis Menispermi canadensis, in Horto Patavino, Apr. 1876.

Obs. Stylosporæ didymæ, 25–30 ✕ 14, fuligineæ.

61. **Diplodia Paliuri** Becc. Erb. critt. ital. ser. I. n. 1290, Sacc. M.V. n. 1023.

Hab. in ramulis Paliuri aculeati emortuis *a Vittorio*, *Conegliano*, Aut. 1875–76.

62. **Diplodia Alni** Fckl. Symb. mycol. 395, Sacc. M.V. n. 1024.

Hab. in ramis emortuis Alni glutinosæ *a Selva*, Nov. 1873.

63. **Diplodia smilacina** Berk., Sacc. M.V. n. 1027.

Hab. in sarmentis Smilacis Alpini emortuis in Horto Patavino, Apr. 1876.

Obs. Stylosporæ breves, didymæ, 20 ✕ 14, fuligineæ.

64. **Diplodia Castaneæ** Sacc. M. V. n. 1028. Peritheciis gregariis, lignicolis, superficialibus, globulosis, papillulatis, atris; stylosporis oblongis constricto-1-septatis, 18–20 ✕ 9–10, fuligineis. – var. **corticola**: peritheciis subtectis, corticolis; ceterum non diversa.

Hab. in ramis decorticatis Castaneæ vescæ *a Padova*, Sept. 1875 (Bizzozero), var. *a Conegliano*, Aut. 1876 (Spegazzini).

65. **Diplodia syriaca** Sacc. M.V. n. 1202. Peritheciis plerumque cæspituloso-aggregatis, tectis, dein, epidermide fissa, semierumpentibus, globoso-depressis, obtuse papillatis, nigerrimis, corticeque nigricante exceptis; contextu crassiusculo sed laxe parenchymatico, fuligineo; stylosporis oblongis, initio stipitellatis, continuis, 25 ✕ 10–11

nubilose hyalinis, tandem constricto–1–septatis, 20–21 ⁎ 8–10, fuscis.

Hab. in ramis corticatis Hibisci syriaci *a Padova*, Febr. 1877.

Obs. Probabiliter status pycnidicus *Botryosphæriæ Bèrengerianæ* DNtrs.

66. **Diplodia atrata** (Dmz.) Sacc. M.V. n. 1204., *Sphæria atrata* Dmz. Not. IX. p. 15 (1842). *Diplodia Negundinis* Thüm. Exsicc., *D. Aceris* v. *Negundinis* Thüm. F. A. n. 1289., *Sphæria Negundinis* Opiz (1852) sec. Thüm.

Hab. in ramis Aceris Negundinis emortuis *a Padova* Apr. 1877.

Obs. Stylosporæ ovato-oblongæ, constricto–1–septatæ, 22–25 ⁎ 12, opace fuligineæ.

67. **Diplodia pinea** (Dmz.) Kx. Flandr. I, 397, Sacc. M.V. n. 1205, *Sphæria pinea* Dmz., *Sporocadus pineus* Dmz. secundum Kx.

Hab. Perithecia globoso-papillulata, erumpentia. Stylosporæ oblongæ, 35–40 ⁎ 16–18, stipitellatæ, initio continuæ, luteolæ, dein 1–septatæ, vix constrictæ, fuligineæ.

68. **Diplodia caricina** Sacc. M.V. n. 1206. Peritheciis gregariis, globosis, innato-erumpentibus, atris, ostiolo conoideo parum emergente; stylosporis obovoideis, 25 ⁎ 15, diu continuis, fuligineis.

Hab. in foliis emortuis Caricis japonicæ in Horto Patavino, vere 1877 (Bizzozero).

69. **Diplodia Corchori** (Dmz.) Flandr. I. p. 399. Sacc. M. V. Cent. XIII. *D. Kerriæ* Berk. sec Kx.

Hab. in ramulis Kerriæ japonicæ *a Selva*, Aut. 1875 *a Padova*. Dec. 1877.

Obs. Stylosporæ didymæ utrinque rotundatæ, 20–22 ⁎ 7 $^3/_4$–8, fuligineæ.

70. **Diplodia rubicola** Sacc. M. V. Cent. XIII. Peritheciis gregariis, globosis, exquisite papillatis, nigris, initio tectis, dein erumpentibus; stylosporis obovatis, 25–28 ⁎ 12, diu continuis, olivaceo-fuligneis basidiis filiformibus, 10–12 ⁎ 3, hyalinis suffultis.

Hab. in ramis Rubi fruticosi putrescentibus *a Padova*, Dec. 1877.

Obs. A *Dipl. Rubi* Fr. peritheciis majoribus, prominentibus, stylosporis majoribus diu (semper?) continuis &c. recedit *Diplodia Rubi* Fr. stylosporis contricto-1-septatis, 20 ∗ 8, atro-fuligineis instructa est.

71. **Phoma Hippoglossi** (M'gn.) Sacc. *Sphæropsis Hippoglossi* Mtgn., Sacc. M.V. n. 1000. (var. *Rusci aculeati*).

Hab. in cladodiis languidis Rusci aculeati in sylva *Montello,* Aug. 1876.

Obs. Perithecia in maculâ pallidâ nunc indeterminatâ, nunc rufo-cinctâ gregaria, epidermide velata, globoso-depressa, $^1/_{10}$ mill. diam.. poro albo pertusa. Spermatia globoso-ovoidea, 10–12 ∗ 8–11, guttulis minutis farcta, hyalina, initio brevissime stipitellata.

72. **Phoma Lebiseyi** Sacc. M.V. n. 774. Spermog. *Diaporthis Lebiseyi* (Dmz.) Niessl. Peritheciis gregariis, epidermide velatis, globoso-depressis, atris; spermatiis ovato-fusoideis, 8–10 ∗ 3, 2-guttatis, hyalinis, basidiis filiformibus sesquilongioribus fultis.

Hab. in ramis Aceris Negundinis emortuis *a Conegliano* Apr. 1876 (Spegazzini).

73. **Phoma Asparagi** Sacc. M.V. n. 932. Spermog. *Diaporthis Asparagi* Nke, Fckl. Symb. 207. Peritheciis gregariis, epidermide velatis, globoso-depressis; spermatiis oblongis, 7–8 ∗ 3, 2–guttulatis, hyalinis; basidiis nullis visis,

Hab. in caulibus putrescentibus Asparagi officinalis *a Padova,* Oct. 1876.

74. **Phoma rudis** Sacc. M.V. n. 933. Spermog. *Diaporthis rudis* (Fr.) Nke, Sacc. Mycol. Ven. p. 140. Peritheciis gregariis epidermide primitus velatis, globoso-depressis; spermatiis oblongo-cylindraceis, 6–7 ∗ 2, 2–guttulatis, hyalinis, basidiis filiformibus fultis.

Hab. in ramulis Cytisi Laburni emortuis *a Selva*, Sept. 1876.

75. **Phoma resecans** Sacc. M. V. n. 934. Spermog. *Diaporthis resecantis* Nke, Sacc. Mycol. Ven. 138 e'

M.V. n. 935. Peritheciis subcutaneis, globoso-depressis, gregariis; spermatiis oblongo-ovatis, 10 × 3, rectis, 2-guttulatis, hyalinis, basidiis filiformibus, hamatis, 30 × $1^1/_2$, suffultis.

Hab. in ramis Syringæ vulgaris *a Selva*, Sept. 1876.

76. **Phoma pterophila** (Nke) Fckl. Symb. myc. 377., Sacc. M.V. n. 1031.

Hab. in samaris dejectis Fraxini, in Horto Patavino, Oct. 1876 (Bizzozero).

Obs. Spermatia oblonga, 8 × 3, 2–guttulata, hyalina, sterigmatibus filiformibus suffulta. A *Ph. Samararum* Dmz. peritheciis multo majoribus imprimis differt. *Diaporthis samaricolæ* Plow. verisimiliter uti status spermogonicus habenda est.

77. **Phoma nebulosa** (Fr.) Mtgn., Sacc. M.V. n. 1207. *Sphæropsis nebulosa* Fr.

Hab. in caulibus emortuis Petroselini sativi *a Selva*, Sept. 1877.

78. **Phoma Malvacearum** West., Kx Flandr. I. 438, Sacc. M.V. n. 1208.

Hab. in caulibus Althææ roseæ putrescentibus *a Padova*, Apr. 1877.

Obs. Perithecia initio epidermide velata, dein, ea secedente, superficialia, globulosa, tandem collabescendo umbilicata, $^1/_6$–$^1/_8$ mill. diam., nigra. Spermatia oblonga, sæpe leniter curva, 5–6 × 2–$2^1/_2$, 2–guttulata, hyalina.

79. **Phoma Diospyri** Sacc. M. V. n. 1209. Peritheciis gregariis v. subaggregatis, subsuperficialibus v. semiimmersis, globoso-papillatis, nigris, contextu parenchymatico subcarbonaceo; spermatiis fusoideis, 7–8 × 2, rectis v. leniter curvis, 2–guttulatis, hyalinis, basidiis fasciculatis filiformibus, simplicibus, ramulosisve, 18–20 × $1^3/_4$, hyalinis, e strato proligero subochraceo orientibus.

Hab. in ramis decorticatis Diospyri Loti in Horto botanico Patavino, Majo 1877.

80. **Phoma Coronillæ** (Dmz.) West., Kx Flandr. I. 438. Sacc. M.V. n. 1210. Spermog. *Diaporthis Coronillæ* Sacc. Fungi Veneti Ser. IV. 3 et V. 181.

Hab. in ramulis emortuis Coronillæ Emeri *a Selva, Padova*, Aut. 1875–77.

Obs. Spermatia ovato-oblonga, 7–8 ⋆ 3, 2-guttulata, hyalina, basidiis filiformibus arcuatis, 20 ⋆ 1½, suffulta.

81. **Phoma protracta** Sacc. M.V. n. 1211. Peritheciis in acervulos elongatos, subparallelos digestis, erumpentibus, globulosis, papillatis, aterrimis; spermatiis minutis, oblongis, 4 ⋆ 1¾, hyalinis, basidiis filiformibus fasciculatis, hyalinis, 25 ⋆ 1½, suffultis.

Hab. in ramis corticatis emortuis Aceris campestris, *a Padova,* Dec. 1876.

Obs. Verisimiliter status spermogonicus *Cucurbitariæ protractæ* Fckl.

82. **Phoma Berberidis** Sacc. Stat. spermog. *Cucurbitariæ Berberidis* (Pers.) Gray. Cfr. Sacc. Mycol. Ven. p. 121. tab. XII fig. 29. Peritheciis subsuperficialibus, aggregatis, globoso-conoideis, vertice breve setulosis, verruculosis, nigris; spermatiis oblongis, tenuissimis, 3–4 ⋆ ½–¾, hyalinis, in basidiis ramulosis acrogenis.

Hab. in ramis emortuis Berberidis vulgaris *a Selva, Padova*, socia *Cucurbitaria*, Aut. 1873.

83. **Phoma leucostigma** (Lév.) Sacc. M. V. Cent. XIII. *Sphæropsis leucostigma* Lev., Fckl. Symb. mycol. p. 397.

Hab. in foliis dejectis Hederæ Helicis *a Padova*, Jan. 1878.

Obs. Spermatia oblonga, 10–12 ⋆ 3–4, 2-guttulata, hyalina, basidiis sursum attenuatis, subæquilongis suffulta.

84. **Phoma Pulviscula** Sacc. M.V. Cent. XIII. Peritheciis subsuperficialibus epixylis, gregariis, subglobosis, papillulatis, diam. 100 micr. contextu minute parenchymatico fuligineo; spermatiis oblongis, minutissimis, 4 ⋆ 1–½, hyalinis, basidiis 5 ⋆ 2, sursum attenuatis suffultis.

Hab. in ligno udo salicino (?) *a Padova,* Dec. 1877 (Bizzozero).

Obs. Probabiliter status *Melanommatis Pulvisculæ* — *Phomæ pineæ* et *Ph. Pulveri pyrio* Sacc. affinis.

85. **Phoma oncostoma** Thüm. M. U. n. 877. Stat. sper-

meg. *Diaporthis oncostomæ* (Duby) Fckl., Sacc. M. V. n. 663 et Mycol. Ven. 125 cum ic.

Hab. in ramulis corticatis Robiniæ Pseudacaciæ *a Selva, Padova* &c. vere 1874-77.

86. **Phyllosticta profusa** Sacc. M.V. n. 1213. Maculis plerumque epiphyllis, arescendo obsolete candicantibus, confluentibus, demumque totam fere paginam occupantibus; peritheciis densiuscule et æqualiter gregariis, punctiformibus, globoso-lenticularibus, 100 micr. diam., pertusis; spermatiis oblongis, 4–5 ∗ 2, utrinque obtuse rotundatis, obsolete 2-guttulatis, hyalinis.

Hab. in foliis Cirsii arachnoidei emortuis in Horto Patavino. Oct. 1877.

Obs. A *Phyllosticta Cirsii* Dmz. statim dignoscenda.

87. **Septoria Cerastii** Rob. & Dmz., Kx. Fland. 1. 435. Sacc. M.V. n. 1226.

Hab. in foliis caulibusque languentibus Cerastii vulgati, æstate 1877 (Spegazzini).

Obs. Perithecia globoso-lenticularia, nigra, poro pertusa, diam. 80 micr. Spermatia bacillaria, 30–40 ∗ 1, recta v. lenissime curva, obsolete guttulata, hyalina.

88. **Septoria Atriplicis** (Dmz.) Sacc. Fungi Veneti Ser. VII. p. 190 – f. *Chenopodii muralis* M.V. n. 1228.

Hab. in ejusdem foliis *a Conegliano*, æstate 1877 (Spegazzini).

Obs. Maculæ initio minimæ, obsoletæ, tandem latæ et distincte ochraceæ fiunt. Spermatia in hac forma 20–25 ∗ 3–3$^1/_2$.

89. **Chætomella brachyspora** Sacc. & Sp. M.V. n. 1229. Peritheciis sparsis, subsuperficialibus e globoso depressis, vix $^1/_2$ mill. diam., astomis, nigris, undique setulis rigidulis, parce septatis, 100–150 ∗ 8–10, fuscis, sursum pallidioribus apiceque obtusiusculis, vestitis; contextu perithecii laxiuscule parenchymatico fusco; spermatiis ovato-oblongis, utrinque rotundatis v. subtruncatis, 5–6 ∗ 3, obsolete 2-guttulatis, olivaceis, e strato proligero celluloso, subhyalino immediate oriundis.

Hab. in cortice duriore Catalpæ syringifoliæ *a Conegliano*, Martio 1877 (Spegazzini).

90. **Asteroma venulosum** (Wallr.) Fckl. f. **Iridis Pseudacori** Sacc. M.V. n. 991.

Hab. in ejusdem foliis languidis *a Vittorio*, Oct. 1876.

91. **Asteroma subradians** Fr. f. **Agraphidis nutantis** Sacc. M.V. n. 992.

Hab. in ejusdem caulibus emortuis in Horto Patavino, Junio 1874.

92. **Leptostroma Castaneæ** Spr., Sacc. M.V. n. 990. *Xyloma geographicum* Pers., *Sphæria castaneicola* DC. – Spermog. *Coccomycetis dentati* (Kze & Schm.) Sacc. f. *Castaneæ*.

Hab. in foliis dejectis Castaneæ vescæ in Euganeis, Martio 1873.

Obs. Spermatia cylindracea, 5–6 ✱ 3/4, hyalina.

93. **Leptostroma quercinum** Lasch., Sacc. Fung. Ven. Ser. VI. p. 59.

Hab. in foliis dejectis Quercuum in sylva *Montello*, socio st. ascoph. *Coccomycete dentato* (Kze & Schm.) Sacc.

Obs. Spermatia bacillari-navicularia, 9 ✱ 1 1/2, hyalina.

94. ? **Cytispora** (Libertella) **quercina** West. Sacc. M.V. n. 931. Spermog. *Diaporthis leiphæmæ* (Fr.) Sacc.

Hab. in cortice quercino *a Selva*, Oct. 1875.

Obs. Nuclei transverse oblongi, innato-erumpentes, perithecio genuino destituti, sordide rosei. Spermatia cylindraceo-fusoidea, 10–12 ✱ 2–3, lenissime curvula, obsolete 2-guttulata, hyalina, basidiis filiformibus brevibus suffulta.

95. **Pestalozzia sessilis** Sacc. M.V. n. 975. Maculis parvis angulosis albicantibus, rufo-cinctis; peritheciis epiphyllis, innatis, epidermide velatis, dein circumscissà pertusis, lenticularibus; sporis sessilibus, oblongis, 9–11 ✱ 3 1/2, 1-septatis, leniter constrictis, dilute olivaceis, setis ternis, 14 ✱ 1, hyalinis apice coronatis.

Hab. in foliis languidis Rubi cæsii *a Colfosco*, Sept. 1876.

Obs. A ceteris speciebus longe diversa.

Melanconieæ.

96. **Glœosporium nervisequum** (Fckl.) Sacc. M. Ven. Cent. III. *Fusarium nervisequum* Fckl. Symb. p. 369 (f. *Platani*).

Hab. in nervis foliorum languidorum Platani orientalis *a Padova*, Dec. 1877.

Obs. I. A *Glœosp. Platani* (Mtgn.) Oud. quocum junxeram (Michelia II. 218) satis differt acervulis compactioribus, multo obscurioribus, magis prominentibus, nervicolis, basidiis longioribus (20–25 ✲ 2 $^1/_2$–3) &c. Quum cl. Montagne ad suum *Fusarium Platani* referat *Hymenulam Platani* Lév. (quam cl. Fckl. ad suum *Fus. nervisequum* duxit) de horum identitate non dubitavi; sed autopsia contrarium docuit.

Obs. II. Ad *Glœosp. paradoxum* (DNtrs). Fckl. pertinet synonimon posterius *Fusarium pezizoides* Dmz. XX. Not. (1852) p. 19, Kx Flandr. I. 455 – *Glœosporium Populi albæ* Dmz. forma *Tremulæ* in M. V. Cent. XIII prodibit. In hac conidia fusoideo-botuliformia, curvula 10–15 ✲ 1 $^3/_4$–2, basidiis filiformibus, vix 5–6 lgs fulta. Hæc forma jam ab anno 1843 lecta est *a Conegliano* ab Eq. de Bérenger.

Tuberculariaceæ.

97. **Tubercularia vinosa** Sacc. M.V. n. 1089. *Tub. persicinæ* Ditm. valde affinis, a qua differt cæspitulis majoribus, vinosis; conidiis subglobosis v. ovoideis 11–12 ✲ 10 (nec 7–8 diam.), basidiis brevioribus crassioribus simplicibus suffultis.

Hab. in pagina inferiore foliorum Tussilaginis Farfaræ *a Padova* et *Selva*, Aut. 1876.

98. **Tubercularia confluens** Pers. Syn. p. 113., M.V. n. 1232.

Hab. in ramis corticatis Ailanthi glandulosæ *a Selva*, Apr. 1877.

99. **Tubercularia ampelophila** Sacc. Vajolo Viti, in Riv. Viticolt. ed Enol. ital. Sett. 1877. Acervulis mi-

nutis, erumpenti-superficialibus, dense gregariis confluentibusque, pallide roseis; basidiis fasciculatis simplicibus ramosisque septatis, nubilose hyalinis, apice conidia (catenulata?) globosa v. ellipsoidea, 6–7 * 6, nubilosa e hyalino dilutissime rosea gerentibus.

Hab. in pustulis Glœosporii ampelophagi (Pass.) Sacc. ad baccas Vitis viniferæ (var. *Lugliatica*) *a Selva*, Aug. 1877.

Obs. A *Glœosporio*, quocum nascitur, acervulis majoribus, conidiorum forma et magnitudine statim dignoscitur. Cum eodem *Glœosporio* nec non cum *Fusisporio Zaviano* Sacc. metagenetice forte connectitur.

100. **Illosporium roseum** Fr., Cda Icon. Fung. III fig. 2.

Hab. in lichenibus senescentibus e. g. Borrera *a Padova, Conegliano, Cadore*, vere 1875–76.

101. **Illosporium maculicola** Sacc. M.V. n. 1233. Maculis foliorum variis, arescentibus; acervulis e globoso conoideis, gregariis, superficialibus, 500 micr. altis, 200 cr. pallide roseis, verruculosis, ex hyphis varie ramosis denseque intricatis, pluriarticulatis, guttulatis, dilutissime roseis, conflatis; conidiis (cellulis apicalibus?) ovoideis, 8–12 * 4–6, continuis, quandoque spurie 1-septatis, hyalino-roseis, in hypharum apice nunc conico nunc filiformi acrogenis.

Hab. in maculis arescentibus foliorum plantarum variarum e. g. Ajugæ reptantis, Veronicæ Chamædryos, Violæ odoratæ, Corni sanguineæ, Plantaginis majoris, Aquilegiæ vulgaris, Leontodontis hastilis, Centaureæ nigrescentis, Potentillæ reptantis, Ranunculi repentis, Glechomæ hederaceæ, Pulmonariæ officinalis, Trifolii repentis, Plantaginis lanceolatæ, *a Selva*, Sept. 1876-77.

102. **Microcera Massariæ** Sacc. M.V. n. 1059. (Stat. conid. *Calonectriæ Massariæ* [Pass.] Sacc.) *Fusarium ciliatum* Sacc. Myc. Ven. 188 t. XVII. fig. 9, non A. S., (*Tuberc. ciliata*) quæ *Volutella ciliata* Fr.

Hab. in Massaria inquinante Aceris compestris *a Padova* Febr. 1873, raro.

103. **Epicoccum purpurascens** Ehrh., Kx Flandr., II. 102., Sacc. M.V. n. 1074. et var. **aleurophilum**, M.V. n. 1240: acervulis majoribus; conidiis sphæricis 18–20 micr. diam., verruculosis, olivaceo-fuligineis, brevissime stipitatis.

Hab. in foliis Zeæ Maydis putrescentibus; var. in pulte zeina (*polenta*) putrida et in farina frumentaria *a Padova, Treviso,* sociis plerumque *Cladosporio herbarum* et *Alternaria tenui.*

Hyphomyceteæ.

104. **Coniothecium effusum** Cda Icon. fung. I. fig. 21. Sacc. M.V. n. 1093.

Hab. in ligno salicino decorticato *a Selva,* Sept. 1875.

105. **Hadotrichum? Populi** Sacc. M. V. n. 1256. Acervulis punctiformibus, gregariis, ambitu inæqualibus, atris, in maculis foliorum dealbatis, epiphyllis, subsuperficialibus; strato proligero e cellulis oblongis dense stipatis olivaceo-fuligineis sursum sæpe acutatis conflato; conidiis e globoso ovoideis 4–5 ✶ 3, subhyalinis, parcissimis.

Hab. in foliis nondum emortuis Populi nigræ, *a Selva,* Oct. 1877,

Obs. Stirps mihi dubia, etsi suis locis copiosa.

106. **Dicoccum inquinans** Sacc. M. V. n. 1254. Effusum atrum, superficiale; conidiis cylindraceo-clavatis, apice rotundatis, basi truncatis, 16–20 ✶ 4–5, medio 1-septatis, non constrictis, fuligineis, stipite brevissimo hyalino (ex mycelio obsoleto) suffultis, denique matricem late atro-inquinantibus.

Hab. in libro (quem enecat) Populi italicæ *a Conegliano,* æstate 1877, socia *Rhizomorpha* &c. (Spegazzini).

107. **Stigmella dryina** (Cda) Lév., Sacc. M. V. n. 1065 (non n. 555, quæ *Leptothyrium dryinum* Sacc. sistit), *Sporidesmium foliicola* Dmz., *Dicoccum dryophilum* Cda.

Hab. in pag. inferiore Quercus pubescentis *a Vittorio,* Oct. 1875.

108. **Passalora dendritica** (Wallr.) Sacc. M. V. n. 1246. *Fusicladium dendriticum* (Wallr.) Fckl. Symb. 357., var. **orbiculata** Bk., Cfr. Kx Fl. Flandr. II. 303-304.

Hab. in pagina superiore foliorum Sorbi torminalis *a Conegliano*, æstate 1877 (Spegazzini).

Obs. Conidia obclavato-pyriformia, 30 ∗ 7–9, diu continua, tandem 1–septata, lenissimeque constricta, olivacea. Hyphæ filiformes, 50–60 ∗ 5, septulatæ, olivaceæ. Ob conidia demum bilocularia vera *Passaloræ* species. Genus *Passalora* jam ab anno 1836 a Mtgn. & Fr. conditum est; *Fusicladium* anno 1851 a Bonordenio institutum.

109. **Menispora ciliata** Cda Anl. LXII t. B 14. fig. 2. Sacc. M. V. n. 1083.

Hab. in ligno quercino putrescente *a Selva*, Oct. 1876.

110. **Torula hyalinula** Sacc. M. V. n. 1255. Effusa alba, arachnoidea; hyphis repentibus, ramosis, continuis, hinc inde ramulos fertiles erectos, 20–30 ∗ 2, emittentibus; conidiis concatenatis, oblongis v. breve cylindraceis, utrinque obtusis, 4–6 ∗ $1^3/_4$–2, hyalinis.

Hab. parasitica in Capnodio Footii folia Oleæ fragrantis invadente, in Horto Patavino, Febr. 1877.

111. **Torula perpusilla** Sacc. M. V. n. 1056. Cæspitulis minutis candidis, confluentibusque; conidiis globulosis tenuissimis ca. $^1/_3$ micr. diam., in catenulas elongatas digestis, hyalinis.

Hab. in foliis variis coacervatis fermentescentibus et putrescentibus *a Selva*, Oct. 1876.

112. **Torula vinosella** Sacc. M. V. n. 1057. Cæspitulis pulvinatis, isabellino-vinosis, minutis; conidiis globosis v. subcuboideis, 2–$2^1/_2$ micr. diam., 1–guttulatis, e roseo hyalinis, in catenulas plus v. minus elongatas digestis.

Hab. in Polyporo Pede Capræ aliisque fungis udis, sociis *Penicillio, Cladosporio, Aspergillo*, in sylva *Montello*, Oct. 1873-77.

113. **Oidium Lactis** Fres., Sacc. Int. all'*Oid. Lact.* p. 1–7 et M. V. n. 1243. *Mycoderma Malti juniperini* Dmz.

(1826), *Chalara Mycoderma* Bonord. (1851), ? *Coprotrichum purpurascens* et *cinereum* Bonord. (1851), *Oidium albicans* Robin (1853), *Mycoderma Lactis butyri* Dmz. (1853-60), *Oidium obtusum* Thüm. (1875).

Hab. in superficie aquæ, in qua caryopsides Zeæ Maydis diu maceratæ sunt, *a Padova*, Iunio 1877.

114. **Gyroceras Plantaginis** (Cda) Sacc. M. V. n. 1058. *Torula Plantaginis* Cda Ic. III. t. 1 fig. 14.

Hab. in foliis Plantaginis mediæ languidis in sylva *Montello* et *a Conegliano*, Oct. 1876.

Obs. Species *Gyrocerati Celtis* (Biv.) M. & C. proxime affinis.

115. **Ramularia Ajugæ** (Niessl) Sacc. M. V. n. 1048, *Fusidium Ajugæ* Niessl in Fckl. Nass. 35.

Hab. in foliis Ajugæ reptantis languidis *a Colfosco*, Sept. 1876.

116. **Ramularia Parietariæ** Pass. in Rabh. F. E. n. 2066., Sacc. M. V. n. 1044.

Hab. in foliis Parietariæ officinalis languidis *a Padova*, Julio 1876. Ex *Alençon* misit cl. C. C. Gillet.

117. **Ramularia calcea** (Dmz.) Des in Kl Herb. mycol. 1681 (non vidi), Sacc. M. V. n. 1045. *Fusisporium calceum* Dmz.

Hab. in foliis Glechomæ hederaceæ *a Padova*, Junio 1875.

118. **Ramularia variabilis** Fckl. Symb. mycol. 361. f, **Verbasci Blattariæ** Sacc. N. 1046.

Hab. in ejusdem foliis languidis *a Bavaria* (Treviso), Sept. 1876.

119. **Ramularia ovata** Fckl. Symb. mycol. p. 362, Sacc. M. V. n. 1047.

Hab. in pag. inferiore Salviæ pratensis *a Selva, Conegliano, Padova*, aut. 1876–77

120. **Cercospora cerasella** Sacc. M. V. n. 1051. Maculis subrotundis, epiphyllis e brunneo pallidis; hyphis fasciculatis erectis, distincte brevi-ramulosis, 30–40 ⁎ 3, subcontinuis, guttulatis, fuligineis, basi in ganglium stromaticum coalitis; conidiis bacillari-obclavatis, 40–60 ⁎

3–4, rectiusculis, guttulatis, vel spurie 1–3-septatis, pallide fuligineis.

Hab. in foliis Cerasorum *a Selva, Padova*, aut. 1876-77.

121. **Cercospora Calendulæ** Sacc. M. V. n. 1054. Maculis amphigenis subcircularibus arescendo expallentibus, olivaceo-cinctis; hyphis cæspitulosis, brevibus, crassis, 40–65 ✻ 6–7, subseptatis, sursum nodulosis, fuligineis; conidiis obclavato-bacillaribus, 5–7-septatis, 65–80 ✻ $3^1/_2$–$4^1/_2$, hyalinis.

Hab. in foliis languidis Calendulæ officinalis *a Conegliano*, Oct. 1876 (Spegazzini).

122. **Cercospora Galegæ** Sacc. M. V. n. 1055. *Cercosp. radiata* Sacc. Mycol. Ven. p. 181 (p. p. in *Galega*). Maculis oblongis, arescendo dealbatis, fusco-cinctis; hyphis cæspitulosis cylindraceis hinc inde gibbosis, 30–35 ✻ $3^3/_4$–4, remote septatis, dilute fuligineis; conidiis bacillari-fusoideis, 60–90 ✻ 4, curvulis, apice obtuse attenuatis, pluriseptatis, hyalinis.

Hab. in pagina superiore foliorum Galegæ officinalis *a Selva*, Oct. 1876.

Obs. A *Cercosp. radiata* Fckl. maculis dealbatis, conidiisque non radiatim aggregatis recedit.

123. **Cercospora rosicola** Pass. in Thm. M. U. n. 333 et in Just Jahresb. 1875 p. 276. Sacc. M. V. n. 1249.

Hab. in pagina superiore foliorum Rosæ centifoliæ *a Selva*, Oct. 1877.

Obs. Maculæ arescendo ochraceæ, fusco-cinctæ; hyphæ epiphyllæ in cæspitulos parvos hemisphæricos dense aggregatæ, 20 ✻ 3, fuligineæ, subcontinuæ; conidia cylindracea rectiuscula, brevia, 30–40 ✻ $3^1/_2$–5, 2–4-septata e hyalino fuscidula.

124. **Cercospora Plantaginis** Sacc. sp. nova. Maculis amphigenis, arescendo fuscescentibus, variis; hyphis hinc inde fasciculatis, cylindraceis, septatis, 40–50 ✻ 3, olivaceis; conidiis obclavato-acicularibus, sursum acute cuspidatis, usque 200 ✻ $4^1/_2$, pluri- (–20) septatis, hyalinis.

Hab. in foliis Plantaginis lanceolatæ languidis *a Selva*, Sept. 1873.

125. **Cercospora pantoleuca** Sacc. s. n. Maculis foliorum epiphyllis sinuosis arescendo candicantibus, fusco-cinctis; cæspitulis dense gregariis, albis; hyphis laxe fasciculatis filiformibus, assurgentibus, parce septatis, 50–60 × $3\frac{1}{2}$, apicem versus denticulatis, hyalinis; conidiis e denticulis oriundis, acicularibus, sursum cuspidatis rectis curvulisve, 3–4–septatis, 60–80 × 3–$3\frac{1}{2}$, hyalinis.

Hab. in pagina superiore foliorum Plantaginis lanceolatæ *a Selva*, Sept. 1876.

Obs. A *Cercosp. Plantaginis* Sacc., nunc descripta, maculis albis, hyphis hyalinis, conidiis multo brevioribus et parcius septatis statim dignoscitur.

126. **Cercospora Cistinearum** Sacc. s. n. Maculis plerumque epiphyllis, subcircularibus, griseis, rufo-purpureo-marginatis; cæspitulis punctiformibus, gregariis; hyphis fasciculatis cylindraceis, sublevibus, 35–45 × 5, apice rotundatis, septulatis dilute fuligineis; conidiis elongato-fusoideis, rectiusculis, 10–15 × 4, initio continuis, tandem 2–3–septatis, utrinque obtusiusculis, hyalinis.

Hab. in foliis languidis Helianthemi vulgaris in Horto Patavino, Nov. 1877.

127. **Cercospora olivascens** Sacc. M. V. n. 1251. Maculis hypophyllis, fuscidulis; cæspitulis gregariis, griseo-olivaceis; hyphis fasciculatis, filiformibus, 200 × 5, rectiusculis, e latere denticulos conidiophoros parce gerentibus, pluriseptatis, olivaceis; conidiis acicularibus, sursum cuspidatis, 130–150 × 4–$4\frac{1}{2}$, basi subtruncatis, pluri– (8–12–) septatis, hyalinis.

Hab, in pagina inferiore foliorum Aristolochiæ Clematitis et Phaseoli vulgaris *a Selva*, Aug. 1877.

Obs. Species probe distincta.

128. **Cercospora tinea** Sacc. M. V. n. 1252. Maculis amphigenis, fuligineis; cæspitulis sparsis, punctiformibus, e basi stromatica pulvinata cellulosa, intense fuliginea oriundis; hyphis filiformibus dense fasciculatis, strictis, continuis, 20–50 × 3, hyalino-fuscidulis; conidiis bacillaribus, curvulis, 50 × 3–$3\frac{1}{2}$, apice obtusiusculis, pluriguttulatis, fumose hyalinis.

Hab. in foliis languidis Viburni Tini *a Padova*, Oct. 1877 (Bizzozero).

129. **Cercospora althæina** Sacc. sp. nova. Maculis amphigenis angulosis, brunneis, hyphis fasciculatis filiformibus, 40 ≈ 5 (rarius usque 100 lgs) pauciseptatis, fusco-olivaceis; conidiis in hypharum apicibus cylindraceo-obclavatis, v. anguste fusoideis, rectiusculis, 40–50 ≈ 5, 2–4–septatis, apice obtusiusculis, hyalinis.

Hab. in foliis Althææ roseæ *a Selva*, Aut. 1876.

Obs. A *Cercop. nebulosa* Sacc. hyphis olivaceis nec rufis, conidiis multo brevioribus, parcius septatis, præterea habitu et loco alieno recedit.

130. **Cercospora Carlinæ** Sacc. sp. nova. Maculis nullis v. obsoletis; cæspitulis hypophyllis, gregariis, olivaceis; hyphis fasciculato-effusis, simplicibus, cylindraceis, nodulosis, 100 ≈ 4, septulatis, olivaceo-fuligineis; conidiis cylindraceo-obclavatis, rectiusculis, breviusculis, 50-60 ≈ 4. 4–6–septatis, olivaceis.

Hab. in pagina inferiore foliorum Carlinæ vulgaris *a Nervesa*, Aug. 1873.

Obs. Affinis *Cercosp. ferrugineæ* Fckl. et *C. Bellynckii* (West.) Sacc., sed notis datis satis diversa.

131. **Cercospora Lythri** (West.) Niessl, *C. sanguinea* Fckl. Symb. Mycol. p. 354.

Hab. in pag. inferiore foliorum Lythri Salicariæ *a Selva*, Sept. 1877.

132. **Asterosporium Hoffmanni** Kze., Sacc. M.V. n. 1069. *Stilbospora asterosperma* Hoffm. (1795). *Stilbospora asterospora* Pers. (1797).

Hab. in cortice fagineo putrescente in sylva *Cansiglio*, Oct. 1875.

133. **Acremonium alternatum** Lk., Sturm. Crypt. t. 2.

Hab. in foliis putridis Aloum &c Patavii, Apr. 1875.

Obs. Habitus in sicco exacte ut ic. Sturmiana ostendit, ex eo quod conidia muco adhuc obvoluta sunt et simulate sphærica 6–7 micr. diam., sed madore mucus solvitur et tunc fiunt ellipsoideo-oblongata, 6–10 ≈ 2–3, interdum curvula, hyalina.

134. **Acremonium atrum** Cda Icon. Fung. III fig. 168.

Hab. in herbis putrescentibus, e. g. calamis Iuncorum, corollis putrescentibus *a Selva*, Aut. 1873-74, parcissime.

Obs. Hyphæ repentes steriles, obsolete septatæ, hyalinæ, ramulos conidiophoros assurgentes, sursum cuspidatos hyalinos parce septulatos, 60 ✶ 5–6, hinc inde proferentes; conidia magna ovato-ellipsoidea, 25–28 ✶ 16–18, basi subapiculata, cinnamomeo-fuliginea.

135. **Botrytis coccotricha** Sacc., *Coccotrichum dichotomum* Fr. in Sturm. D. Cr. III. tab. 60.

Hab. in ramis corticatis putrescentibus Aceris campestris *a Padova*, Martio 1873; posterius non reperta.

Obs. Cæspituli majusculi sordide rosei. Hyphæ ramoso-dichotomæ, alte cæspitosæ, 6–7 micr. diam., hyalinæ, apice subroseæ; conidia in ramulorum apicibus attenuatis plerumque solitaria, ovoidea, 25–30 micr. lga, initio granulosa, ferrugineo-rufa.

136. **Helminthosporium turcicum** Pass. La nebbia del Granoturco (in Boll. Comiz. Agr. Parm. Ott. 1876) et in Rabh. F. E. Cent. XXIII.

Hab. in foliis languentibus Sorghi vulgaris socio *Cladosporio fasciculato* Cda et *Alternaria tenui* Nees, *a Selva*, jam ab Aug. 1873.

Obs. Hyphæ gregariæ in maculis exaridis, pallidis, cylindraceæ, 150 ✶ 6, 3–pauciseptatæ, olivaceo-fuscæ, apice pallidiore obtusatæ; conidia maxima, 85–92 ✶ 20–24, perfecte fusoidea, utrinque acuta, 5–8–septata, episporio crasso, olivaceo-fusca.

137. **Septonema rude** Sacc. Effusum, atrum, velutinum; conidiis ex mycelio obsoleto oriundis oblongo-fusoideis, 40–45 ✶ 10–12, utrinque truncatis, rectis v. leniter inæquilateralibus, 6–8–septatis, non constrictis, atro-fuligineis, in catenulas erectas, rigidulas moniliformes vertice sæpius (e conidio rudimentali) subhyalino-apiculatas digestis.

Hab. in ligno putrescente pyrino *a Selva*, Sept. 1874.

Obs. Specimen boreali-americanum perfecte cum meis conveniens misit cl. M. C. COOKE.

138. **Cladosporium Asteroma** Fckl. Symb. myc. p. 355.

Hab. in pagina superiore foliorum languentium Populi Tremulæ *a Conegliano,* Iunio 1876 (SPEGAZZINI).

Obs. Species habitu distinctissima. Conidia e fusoideo limoniiformia 15–18 * 7, raro 20 * 6, 1–septata, leniter constricta, olivacea.

139. **Cephalosporium Acremonium** Cda Icon. Fung. II. 29. Fres. Beitr. t. XI fig. 59-63.

Hab. parasiticum in Hypoxylo purpureo putrescente in sylva *Cansiglio*, Oct. 1874.

Obs. Ramuli sporigeri continui, simplices, 40–50 * 3; capitula conidiorum globosa, 8–10 micr. diam.; conidia diu conglutinata oblongo-ovoidea, 4 * 1, hyalina.

140. **Cephalosporium macrocarpum** Cda Icon. Fung. II. 30.

Hab. in Polyporo fomentario putrescente, udo *a Padova*, Dec. 1872.

Obs. Ramuli sporigeri continui, subsimplices; capitula conidiorum globosa 30 diam.; conidia diu et arcte conglutinata, sphæroideo-angulosa, 4–6 micr. diam., hyalina.

141. **Amblyosporium umbellatum** Harz Hyphom. 48 t. II fig. 7. *Briarea aurea* Fckl. (?), Sacc. Mycol. Ven. 184. t. XVII fig. 1-4 – *Amb. Botrytis* Fres. Beitr. 99 t. XII fig. 17-21 huic valde affine est, nisi lusus.

Obs. Hyphæ crassiusculæ, 20–25 micr. diam.; conidia 15–16 * 10–12.

142. **Cladotricum strictum** Sacc. sp. nov. Hyphis gregariis, rectis, 300–320 * 6–7, basi bulbillosis, remote septatis, fusco-olivaceis, sursum pallidioribus, apice obtusiusculis; conidiis prope hypharum apicem insertis, in catenulas longiusculas, sæpe ramulosas connexis, didymis (rarissime biseptatis), 12–15 * 6, fusco-olivaceis.

Hab. in caulibus herbarum putrescentibus, socia *Torula herbarum, a Selva*, Oct. 1874.

Obs. Cladosporium rectum Pr. in Sturm t. 15 huic

affine, differt conidiis 2- et pluriseptatis ex hypharum apice tantum oriundis.

143. **Cladobotryum Thümenii** Sacc. sp. nov. Hyphis dense aggregatis, maculas in foliis sordide albas, effusas efformantibus assurgentibus, tenuiter remoteque septatis, albo-hyalinis, repetito-subverticillato-ramosis; conidiis in v. sub ramulorum apice insertis et ab hoc ægre secedentibus, obovatis, 8–10 ✕ 4–5, continuis, hyalinis.

Hab. in foliis Quercus pedunculatæ, socio *Cylindrio candido*, ad *Teplitz* Oct. 1872 (in Herb. Thümen).

Obs. Affine *Cladobotryo ternato* Cda, sed conidia in nostro triplo minora &c.

144. **Helicotrichum vegetum** (Nees) Wallr. Crypt. Germ. 161.

Hab. in ligno putri *a Conegliano*, Aug. 1876 (Spegazzini).

Obs. Cæspites late et indeterminate effusi, initio ex aureo lutescentes, dein olivacei, tandem atri. Hyphæ fertiles strictæ, simplices, basi ramuloso – v. noduloso-infixæ, densiuscule septatæ, 300 ✕ 4, initio pallide tandem saturate fuligineæ, lateribus ubique (ad conidiorum insertionem) hyalino-muriculatæ. Conidia filiformia in spyras 2–3 convoluta, 45–65 ✕ 1–$^1/_2$, 1-serialiter pluriguttulata, hyalina. Verisimiliter *Helicomyces aureus* Cda est hujus speciei status junior flavicans. Cl. Corda in hyphis heterogeneis parasiticum autumat quod erroneum censeo.

145. **Circinotrichum maculiforme** Nees Syst. t. V fig. 66 (?), Sacc. Mycol. Ven. 211.

Hab. in ramis putrescentibus Salicis, Vitis, in caulibus herbarum, in foliis Photiniæ, Lauri &c. *a Selva* et *Vittorio*, Aut. 1875-76.

Obs. I. Hyphæ steriles erectæ, apice repetito-dichotomo-circinatæ, fuligineæ; ad harum basim nascuntur conidia cylindraceo-fusoidea, 14–15 ✕ 1–1$^1/_2$, lenissime curva, hyalina, in basidiis brevibus sursum attenuatis subhyalinis acrogena. Videretur hæc species sistere gra-

dum evolutiorem *Helicosporii obscuri* Cda., quocum præsentia conidiorum basilarium convenit.

Obs. II. Ad hanc speciem pertinet *Gyrothrix podosperma* Cda Anl. t B f. 15, n. 4. nec non *Campsotrichum unicolor* in Rabh. F. Eur. n. 1866.

146. **Periconia papyrogena** Sacc. n. s. Effusa velutina, maculiformis, aterrima; hyphis gregariis assurgentibus filiformibus, 80 ⁎ 3, parce septatis, fuscis, basi dilutioribus, apice sporophora oblongo-cylindracea, brevia, subpenicillatim gerentibus; conidiis in apice sporophorum acrogenis, perfecte sphæricis, $3^1/_2$–4 micr. diam., nigricantibus, pellucido–1–guttulatis.

Hab. in charta bibula putrescente *a Selva*, Sept. 1875.

Obs. A *Stachybotryte alternanti, Sporocybe Desmazieri* et *Sp. alternata* rite dignoscenda.

147. **Microstroma album** (Dmz.) Sacc. *Microstroma quercinum* Opiz Niessl Mähr. Pilz. 29 t. II fig. 2. Sacc. M. V. n. 1032-1033 – *Torula quercina* Opiz (1855) – *Fusidium album* (Dmz.) Vize F. Br. n. 193, *Fusisporium album* Dmz. Ann. S. N. X. p. 309 (1838).

Hab. in foliis Quercus sessilifloræ et Q. pubescentis, *a Vittorio* et *Colfosco*, Aut. 1875-76.

Obs. Conidia ovato-oblonga, 5–7 ⁎ 3, inæquilateralia, 1–2–guttulata, hyalina.

148. **Isariopsis pusilla** Fres. Beitr. t. IX. fig. 18–28, Sacc. M. V. n. 1248. *Phacellium inhonestum* Bonorden.

Hab. in foliis Stellariæ mediæ languidis *a Conegliano,* æstate 1877 (Spegazzini).

Obs. Conidia cylindraceo-oblonga v. subclavulata, 1–septata, vix constricta, 20 ⁎ 7, utrinque obtusiuscula, subhyalina, ramulis nodulosis, patulis adnata.

149. **Isariopsis griseola** Sacc. M. V. n. 1247. Maculis ochraceis, hypophyllis; fasciculis stipitiformibus dense gregariis, 200 ⁎ 30–40, fuscidulis, ex hyphis filiformibus, continuis, dense stipatis conflatis, apiceque griseo-capitatis; conidiis ex hypharum apicibus patulis v. reflexis sublevibus oriundis, dense conglobatis, cylindraceo-fusoideis, curvulis, 50–60 ⁎ 7–8, 1–3–septatis, non v. vix constrictis, griseis.

Hab. in pagina inferiore foliorum Phaseoli vulgaris, *a Selva*, Aug. 1877, rarius.

Obs. Ab *Isariopside pusilla* Fres. et *I. carnea* Oud. satis superque diversa.

150. **Stysanus microsporus** Sacc. M. V. n. 1068. Gregarius, e griseo fuscus; stipitibus filiformibus ex hyphis pluribus subcontinuis, fuligineis, coalitis efformatis sursum clavato-spicatis; conidiis ex hypharum apice secedente catenulatim oriundis, subglobosis, 2–3 ≈ 2, eguttulatis, hyalinis

Hab. in trunco Robiniæ Pseudacaciæ putrescente *a Selva* Aug. 1875.

Obs. Stysanus Stemonitis (Pers.) Cda conidiis limoniiformibus, 8 ≈ 5, hyalinis ab hoc statim dignoscitur.

151. **Stilbum erythrocephalum** Ditm. in Sturm D. C. t. 45, Cooke Hndb. p. 553, Sacc. M. V. n. 1253.

Hab. in stercore udo Cuniculorum *a Selva*, Sept. 1877.

Obs. Conidia ovoidea, 4–6 ≈ 2–3 $^1/_2$, hyalina in basidiis filiformibus, septulatis, apice nodulosis hyalinis, ca. 50–60 ≈ 3–3 $^1/_2$, acrogena.

Mycelia.

152. **Sclerotium mycetophagum** Sacc. sp. nov. Tuberculis (myceliis) minutissimis, globulosis, 100–130 micr. diam., undique clausis Agaricorum lamellas totas denique et creberrime occupantibus, vinoso-rufis, intus pallidioribus, cellulisque dense conglobatis, ex anguloso globosis 7–8 micr. diam. inter se ægre secedentibns, hyalinis fœtis.

Hab. in lamellis Coprini Digitalis, quem deformat, ad truncum Platani putrescentem *a Padova*, Aug. 1872; nec inde repertum.

Obs. Cum *Sclerotio* (Coccopleo) *palliolato* Ehrh. nec non cum *Perisporio agaricicola* Wallr. proxime cognatum videtur.

153. **Sclerotium durum** Pers., Wallr. Fl. crypt. Germ. p. 138, Sacc. M. V. n. 1230.

Hab. in caulibus putrescentibus Ricini communis, *a Padova*, aut. 1875 et 1876 (Bizzozero).

154. **Sclerotium glauco-albidum** Dmz. XIX Not. (1851) pag. 34., Sacc. M. V. n. 1231.

Hab. in pagina inferiore foliorum emortuorum Taxi baccatæ in Horto Patavino, vere 1876 (Bizzozero).

Obs. Mycelia seu tubercula pulvinata, basi hyphis ramosis septulatis, fusco-fuligineis cincta; nucleus albus e cellulis abnormibus, variis conflatus.

155. **Ozonium? croceum** Pers., Sacc. M. V. n. 1257. Cfr. Fr. Elench. I. pag. 158.

Hab. in stromatibus pyrenomycetum (e. g. *Valsariæ*) ad ramos Robiniæ Pseudacaciæ *a Selva,* Sept. 1877.

Obs. Stirps mihi omnino dubia, quæ, sec. auctores, mycelium *Corticii sulfurei* Fr. sisteret.

FINIS.

Corrigenda.

pag.	121	linea	13	*Radaster*	lege *Padaster*
»	»	»	31	*Riesenthal*	» *Biesenthal*
»	»	»	11	**Koehneana**	» **Astragali** (Lasch) Sacc. *Obs.* Exacte congruit cum *Sphæria Astragali* Lasch in Rabh. Herb. mycol. ed II. n. 639. *Sphæria Astragali* Curr. Simpl. Sph. n. 362 aliena est et *Diaporthis* speciem sistit.
»	128	»	38	1/4-1/3 lg	» 1/4-1/3 mill. lg.
»	123	»	15		Adde: Verisimiliter ad hanc speciem (*Pleonectr. Berolin.*) spectat *Nectria Ribis* Niessl (Mähr. Pilz 114) ob sporidia celluloso-septata; non vero *Sphæria Ribis* Tode Meckl t. XII, fig. 203, nec *Nectria Ribis* Rabh. F. E. n. 264 et Oud. F. Neerl. n. 168, quæ ascos clavatos, 90 ⨯ 15, breve stipitatos, sporidia fusoidea, plerumque recta, 20 ⨯ 6, 1-septata, non constricta, hyalina gerit.
»	126	»	25	**Patonieana**	» **Potonieana**
»	126	»	31	PATONIÈ	» POTONIÈ
»	130	»	34	1877	» 1867
»	131	»	17	Myrciæ	» Myricæ
»	150	»	17	**Filipendulæ**	» **filipendulina**
»	156	»	37	**Photiniæ**	» **photinica.** Et adde: Diversa est a *Ph. Photiniæ* Thm. et Bolle Contrib. Funghi Litor. p. 36.
»	160	»	34	**Pœoniæ**	» **Pæoniæ**
»	163	»	6		adde: *Hab.* in foliis Violæ odoratæ *a Conegliano* (SPEGAZZINI).
»	163	»	11		adde: *Hab.* in foliis Robiniæ Pseud-acaciæ *a Conegliano* (SPEGAZZINI).
»	206	»	29	inito-	» innato-
»	241	»	3		adde: *Hab.* in foliis Caricis digitatæ in Euganeis (BIZZOZERO) *a Conegliano* (SPEGAZZINI) æstate 1877.
»	251	»	9. 11	dele et lege:	Calonectria Massariae (Pass.)